

IMO

STARLINE CATALOGUE 8th Edition

www.imopc.com

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The Future In Control

IMO STARLINE CATALOGUE

IMO Precision Controls

Often copied, never equaled... since 1972



Founded in 1972, IMO has grown from its UK base to become a global manufacturer and supplier of industrial control and electronic components and systems. Our history is one of innovation. Whether it is the first ever BT Type 47 Approved relay or the first ever compact AC inverter for motor speed control, IMO has always been focused on breaking barriers. That philosophy extends to the company's service model with features such as advanced online customer ordering and visibility, integrated logistics and the industry's first global third party fulfillment agreement described by the trade press as "a deal ahead of its time".

Our quality assured manufacturing sites ensure IMO products continue to be recognized for quality and reliability. Backed by unique warranty periods of up to Five Years and in compliance with all relevant international standards and approvals, customers specifying IMO products can do so with the knowledge and security that they are making a no compromise selection.

We succeed through the success of our customers. Blue Chip manufacturers the world over rely on IMO to help them achieve higher levels of innovation, competitiveness and reliability. It is a philosophy that continues to deliver results and one which creates close and long lasting relationships with our customers world-wide.



Leading the way...

- Over 15,000 product lines available for next day delivery
- Worldwide Technical Support
- Amongst the best warranties in the industry
- Iconic IMO trade counter display stands
- Promotional materials (*including product brochures, window stickers, counter mats, posters, product displays and case studies*)



Seamlessly integrated...

IMO's custom built Pack'N'Track system integrates our logistics seamlessly to DHL enabling same-day dispatch, later next day delivery cut-off times, and total tracking visibility from the moment a delivery note is printed.

The customised programme ensures that DHL just collect and deliver, and with over 50,000 square feet of warehousing packed with products at our European HQ in Hatfield, that kind of efficiency is needed to ensure our customers get their products on-time, every time. It's just another way that we are making the customer experience better!



Your success is our success...

Our customers' competitive challenges are of paramount importance to our own success so we work tirelessly to help our customers differentiate their product, improve their service offering and grow their market share. Our approach has allowed us to enjoy long-term relationships with some of the largest blue-chip companies in the world and to help tomorrow's success stories on their journey to prominence.

With customer relationships that, in some cases, go back over 30 years we are proud to have earned and maintained the trust of so many of our customers for so long. Regardless of the evolution of technology and market forces, the basic principles at the heart of our business relationships always remain constant.



Unrivalled service... professionally delivered

It isn't just the fact that we have over 15,000 product lines available, and next day delivery on stock items ordered online by 3.00pm that sets our service apart from the rest. Something that IMO has always excelled in is the level of personalised service we offer to all of our customers, and we believe it is this that truly sets us apart from the competition.

When you become a customer of IMO, you also become part of the family. Our highly trained customer service representatives are quick to learn your requirements, and concentrate on the one thing that we think brings you back to IMO each time, and that is ensuring your happiness through delivering the right products, at the right time, the right price and with a huge amount of care and attention that simply isn't available anywhere else.

Our team of technical specialists know our products inside out, and have years of experience in the field as well as specifically liaising with and helping customers resolve issues to ensure the best possible outcome for them.

A global network...

The IMO brand is increasingly recognised around the world for quality, reliability and cost efficiency, and we continue to invest in our growth in both home and international markets in order to best meet the expectations of our customers.

Global office locations: UK, USA, Australia, Canada, France, Italy & South Africa.
Global distribution network locations: Austria, Brazil, Bulgaria, China, Cyprus, Denmark, El Salvador, Finland, Germany, Greece, Hungary, Ireland, Mexico, Netherlands, Pakistan, Portugal, Romania, Russian Federation, Spain, Switzerland, Tunisia & Vietnam.



Product training...

IMO Precision Controls offers in-house or on-site training courses for our Drives & Automation products, including all HMI's, PLC's, Intelligent Controllers and Jaguar AC Inverter Drives.

Training modules can be standard or higher level, tailored to customer's specific requirements. They are designed to familiarise customers with the use and programming of IMO intelligent products. Each module is usually based on one product range.

To find out more about IMO bespoke training courses, contact IMO.

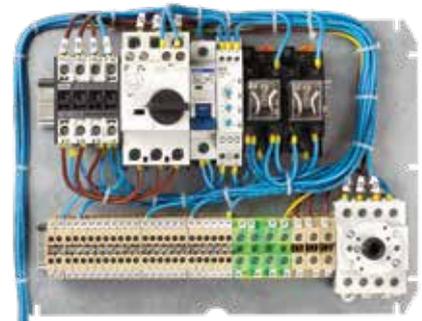


Custom solutions...

Satisfying an ever-growing trend in the market, the IMO Assembly Division provides bespoke solutions to customer requirements for components pre-assembled onto mounting rails, or into enclosures. We can offer totally customised solutions which can include many different control components, such as contactors, relays, timers, miniature circuit breakers etc. IMO can also offer a complete custom wiring solution from prepared cables and cable looms to crimpings, terminations and housings.

New and old customers can seriously benefit from outsourcing both pre-assembled components and prepared wiring. Benefits include a lower overall cost with reduced installation times, lower inventory expense with no tooling investment, and total peace of mind knowing that every assembled solution comes 100% pre-tested.

Whatever your requirement, from a simple, cable assembly or single rail to highly complex solutions, contact IMO to discuss your needs.



your control centre designed specifically for the wholesale marketplace

IMO's was the first electronic component manufacturer to produce a dedicated trade stand for the wholesale marketplace, and are proud to say that we changed the shape of merchandising within the industry. Our iconic yellow trade displays can be seen in over 600 locations in the UK and an ever expanding presence overseas.

Imitation is the sincerest form of flattery, and although many others have copied our concept, we truly believe that we have never been equaled, certainly in terms of our innovative history, the quality of our products, and a level of service that is second to none! IMO is the benchmark for quality.



Now Featuring **Recyclable Packaging**
Reducing our single-use plastics by 98%

The IMO Control Centre catalogue shows the trade specific range of products which includes our most popular control and switchgear products and components.

In order to provide a more sustainable and eco-friendly solution, products for the Control Centre range now come in recyclable cardboard boxes, reducing single-use plastics by 98% compared to the old blister packs.

Not only that, our new packaging includes more technical information for each respective product than ever before, as well as QR codes linking to our technical datasheets. We have also increased the selection of products available, to meet ever changing market trends and demands.



If you would like an IMO Control Centre merchandising stand or slatwall in your trade counter, please contact our Wholesale Trade Team on 01707 414444 for more information. IMO proudly supports our wholesale partners, and can supply a range of promotional marketing materials to compliment your offering, including dual-aspect counter mats, posters, flyers & window stickers, and can even white label printed materials to include your company logo.

Pricing Groups... Wholesale ordering made easy

In order to make the experience of ordering products much easier for our wholesale distribution network, we now include the PRICING GROUP codes for each price grouping. Alike products are grouped together for ease of identification, and this is denoted at the top of each new price grouping page throughout this catalogue as illustrated below. Price grouping information can also be found next to each entry on the Product Index for easy reference.

PRICING GROUP 115	PRICING GROUP 116	PRICING GROUP 126	PRICING GROUP 144	PRICING GROUP 145	PRICING GROUP 109	PRICING GROUP 101	PRICING GROUP 396
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IMO Panel Product Range

IMO's Panel range has been specifically designed to meet the demanding needs of today's panel builders and engineers whose requirements can range from a simple DIN rail terminal through to a complete panel solution. IMO's products allow panel builders globally to deliver significant advances through greater efficiency, reliability and performance, thereby increasing their competitive advantage and delivering the optimum panel solution. When purchasing from IMO you can be confident that over 40 years experience servicing the Panel Builder market has gone into the design and development of the IMO range. IMO Panel Products deliver innovation and efficiency hand-in-hand with reliability and longevity.

MCBs, RCDs, Motor Circuit Breakers & Surge Protection

See page 8-13

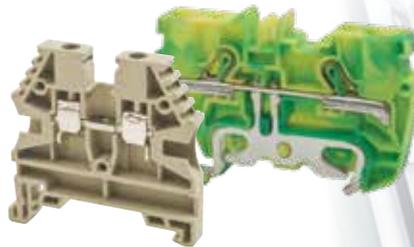
Effective Protection and Isolation is at the very heart of good electrical engineering. IMO offers a comprehensive range of modular low-voltage devices to provide protection from Over-Current, Short-Circuit and Earth Leakage faults, alongside power Isolation.



DIN Rail Terminals

See page 14-16

One of the largest ranges available anywhere in the world, the range includes T15 mini terminals, screw clamp, push fit and the innovative Spring Connection Pluggable varieties.



Power Supplies

See page 17

Designed for the control and automation marketplace, IMO Power Supplies are available across three ranges, providing the ultimate choice for your application.



AC & TRUE DC Isolators

See page 18-21

Our AC Isolators offer switching capabilities up to 125A, both in 3 and 4 Poles and our market-leading TRUE DC Isolators offer switching capabilities up to 85A@1000VDC in 2, 4, 6 & 8 Poles. Different mounting types include: Panel Mount, DIN Rail Mount and Enclosed.





Contactors & Overloads

See page 22-27

Our range includes standard 3 and 4 pole devices, mini and micro contactors and modular contactors for heating and lighting applications.



Industrial Relays & Sockets

See page 31-33

IMO's range of Industrial Relays are available with either an AC or DC coil, and suitable for PCB mounting or plug-in via a dedicated socket



Cam Switches & Foot Switches

See page 34-35

Whether switching by hand or foot, our range of switches offer complete safety and reliability. Our cam switches offer complete flexibility, whilst our foot switches have various auxiliary devices and 13 different contact blocks.



Timers

See page 36

We offer a selection of panel mount / plug-in timers and DIN Rail mountable timers which all deliver up-to-the-minute technology, from a simple single function through to multi-function timers with displays, all of which are backed up by our three year warranty.



Push Buttons, Pilot Lights, Lens Caps & Contact Blocks

See page 38-39

Our comprehensive range of modular 22mm and 30mm push buttons, pilot lights and contact blocks offer a reliable, high quality solution. Our pushbuttons encompasses a myriad of switching options from momentary push and e-stops to multi-position captive key switches and the ability to mix, match and stack contact blocks, they offer the ultimate level of flexibility and customisation.



IMO STARLINE CATALOGUE

PRICING GROUP

145

MCBs, RCCBs, RCBOs, Isolating Switches & Accessories



Isolating Switches



Manufactured in accordance with
IEC 60947-3



Part Number	Description
BIS1063A	Isolating Switch 1 Pole 63 Amp
BIS2063A	Isolating Switch 2 Pole 63 Amp
BIS2125A	Isolating Switch 2 Pole 125 Amp
BIS3063A	Isolating Switch 3 Pole 63 Amp
BIS4063A	Isolating Switch 4 Pole 63 Amp
BIS4125A	Isolating Switch 4 Pole 125 Amp
BIS2100C	Isolating Switch 2 Pole 100 Amp

4.5kA MCB C Curve 1 Pole + N



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
B4C1N02A	4.5kA MCB 1 Pole + N 2 Amp
B4C1N04A	4.5kA MCB 1 Pole + N 4 Amp
B4C1N06A	4.5kA MCB 1 Pole + N 6 Amp
B4C1N10A	4.5kA MCB 1 Pole + N 10 Amp
B4C1N16A	4.5kA MCB 1 Pole + N 16 Amp
B4C1N20A	4.5kA MCB 1 Pole + N 20 Amp
B4C1N25A	4.5kA MCB 1 Pole + N 25 Amp
B4C1N32A	4.5kA MCB 1 Pole + N 32 Amp

6kA MCB B Curve 1 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
BR6B1001A	6kA MCB 1 Pole 1 Amp
BR6B1002A	6kA MCB 1 Pole 2 Amp
BR6B1004A	6kA MCB 1 Pole 4 Amp
BR6B1006A	6kA MCB 1 Pole 6 Amp
BR6B1010A	6kA MCB 1 Pole 10 Amp
BR6B1016A	6kA MCB 1 Pole 16 Amp
BR6B1020A	6kA MCB 1 Pole 20 Amp
BR6B1025A	6kA MCB 1 Pole 25 Amp
BR6B1032A	6kA MCB 1 Pole 32 Amp
BR6B1040A	6kA MCB 1 Pole 40 Amp
BR6B1050A	6kA MCB 1 Pole 50 Amp
BR6B1063A	6kA MCB 1 Pole 63 Amp

6kA MCB C Curve 1 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
BR6C1001A	6kA MCB 1 Pole 1 Amp
BR6C1002A	6kA MCB 1 Pole 2 Amp
BR6C1004A	6kA MCB 1 Pole 4 Amp
BR6C1006A	6kA MCB 1 Pole 6 Amp
BR6C1010A	6kA MCB 1 Pole 10 Amp
BR6C1016A	6kA MCB 1 Pole 16 Amp
BR6C1020A	6kA MCB 1 Pole 20 Amp
BR6C1025A	6kA MCB 1 Pole 25 Amp
BR6C1032A	6kA MCB 1 Pole 32 Amp
BR6C1040A	6kA MCB 1 Pole 40 Amp
BR6C1050A	6kA MCB 1 Pole 50 Amp
BR6C1063A	6kA MCB 1 Pole 63 Amp

6kA MCB C Curve 2 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
BR6C2001A	6kA MCB 2 Pole 1 Amp
BR6C2002A	6kA MCB 2 Pole 2 Amp
BR6C2004A	6kA MCB 2 Pole 4 Amp
BR6C2006A	6kA MCB 2 Pole 6 Amp
BR6C2010A	6kA MCB 2 Pole 10 Amp
BR6C2016A	6kA MCB 2 Pole 16 Amp
BR6C2020A	6kA MCB 2 Pole 20 Amp
BR6C2025A	6kA MCB 2 Pole 25 Amp
BR6C2032A	6kA MCB 2 Pole 32 Amp
BR6C2040A	6kA MCB 2 Pole 40 Amp
BR6C2050A	6kA MCB 2 Pole 50 Amp
BR6C2063A	6kA MCB 2 Pole 63 Amp

6kA MCB C Curve 3 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
BR6C3001A	6kA MCB 3 Pole 1 Amp
BR6C3002A	6kA MCB 3 Pole 2 Amp
BR6C3004A	6kA MCB 3 Pole 4 Amp
BR6C3006A	6kA MCB 3 Pole 6 Amp
BR6C3010A	6kA MCB 3 Pole 10 Amp
BR6C3016A	6kA MCB 3 Pole 16 Amp
BR6C3020A	6kA MCB 3 Pole 20 Amp
BR6C3025A	6kA MCB 3 Pole 25 Amp
BR6C3032A	6kA MCB 3 Pole 32 Amp
BR6C3040A	6kA MCB 3 Pole 40 Amp
BR6C3050A	6kA MCB 3 Pole 50 Amp
BR6C3063A	6kA MCB 3 Pole 63 Amp

10kA MCB C Curve 1 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
B10C1001A	10kA MCB 1 Pole 1 Amp
B10C1002A	10kA MCB 1 Pole 2 Amp
B10C1004A	10kA MCB 1 Pole 4 Amp
B10C1006A	10kA MCB 1 Pole 6 Amp
B10C1010A	10kA MCB 1 Pole 10 Amp
B10C1016A	10kA MCB 1 Pole 16 Amp
B10C1020A	10kA MCB 1 Pole 20 Amp
B10C1025A	10kA MCB 1 Pole 25 Amp
B10C1032A	10kA MCB 1 Pole 32 Amp
B10C1040A	10kA MCB 1 Pole 40 Amp
B10C1050A	10kA MCB 1 Pole 50 Amp
B10C1063A	10kA MCB 1 Pole 63 Amp

10kA MCB C Curve 2 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
B10C2002A	10kA MCB 2 Pole 2 Amp
B10C2004A	10kA MCB 2 Pole 4 Amp
B10C2006A	10kA MCB 2 Pole 6 Amp
B10C2010A	10kA MCB 2 Pole 10 Amp
B10C2016A	10kA MCB 2 Pole 16 Amp
B10C2020A	10kA MCB 2 Pole 20 Amp
B10C2025A	10kA MCB 2 Pole 25 Amp
B10C2032A	10kA MCB 2 Pole 32 Amp
B10C2040A	10kA MCB 2 Pole 40 Amp
B10C2050A	10kA MCB 2 Pole 50 Amp
B10C2063A	10kA MCB 2 Pole 63 Amp

10kA MCB C Curve 3 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
B10C3002A	10kA MCB 3 Pole 2 Amp
B10C3004A	10kA MCB 3 Pole 4 Amp
B10C3006A	10kA MCB 3 Pole 6 Amp
B10C3010A	10kA MCB 3 Pole 10 Amp
B10C3016A	10kA MCB 3 Pole 16 Amp
B10C3020A	10kA MCB 3 Pole 20 Amp
B10C3025A	10kA MCB 3 Pole 25 Amp
B10C3032A	10kA MCB 3 Pole 32 Amp
B10C3040A	10kA MCB 3 Pole 40 Amp
B10C3050A	10kA MCB 3 Pole 50 Amp
B10C3063A	10kA MCB 3 Pole 63 Amp

10kA MCB C Curve 3 Pole + N



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
B10C3N10A-L	10kA MCB 3 Pole + N 10 Amp
B10C3N16A-L	10kA MCB 3 Pole + N 16 Amp
B10C3N20A-L	10kA MCB 3 Pole + N 20 Amp
B10C3N25A-L	10kA MCB 3 Pole + N 25 Amp
B10C3N32A-L	10kA MCB 3 Pole + N 32 Amp
B10C3N40A-L	10kA MCB 3 Pole + N 40 Amp

10kA MCB D Curve 1 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
B10D1002A	10kA MCB 1 Pole 2 Amp
B10D1004A	10kA MCB 1 Pole 4 Amp
B10D1006A	10kA MCB 1 Pole 6 Amp
B10D1010A	10kA MCB 1 Pole 10 Amp
B10D1016A	10kA MCB 1 Pole 16 Amp
B10D1020A	10kA MCB 1 Pole 20 Amp
B10D1025A	10kA MCB 1 Pole 25 Amp
B10D1032A	10kA MCB 1 Pole 32 Amp
B10D1040A	10kA MCB 1 Pole 40 Amp
B10D1050A	10kA MCB 1 Pole 50 Amp
B10D1063A	10kA MCB 1 Pole 63 Amp



IMO STARLINE CATALOGUE

10kA MCB D Curve 2 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
B10D2002A	10kA MCB 2 Pole 2 Amp
B10D2004A	10kA MCB 2 Pole 4 Amp
B10D2006A	10kA MCB 2 Pole 6 Amp
B10D2010A	10kA MCB 2 Pole 10 Amp
B10D2016A	10kA MCB 2 Pole 16 Amp
B10D2020A	10kA MCB 2 Pole 20 Amp
B10D2025A	10kA MCB 2 Pole 25 Amp
B10D2032A	10kA MCB 2 Pole 32 Amp
B10D2040A	10kA MCB 2 Pole 40 Amp
B10D2050A	10kA MCB 2 Pole 50 Amp
B10D2063A	10kA MCB 2 Pole 63 Amp

10kA MCB D Curve 3 Pole



Manufactured in accordance with
IEC 60898-1
& IEC 60947-2



Part Number	Description
B10D3002A	10kA MCB 3 Pole 2 Amp
B10D3004A	10kA MCB 3 Pole 4 Amp
B10D3006A	10kA MCB 3 Pole 6 Amp
B10D3010A	10kA MCB 3 Pole 10 Amp
B10D3016A	10kA MCB 3 Pole 16 Amp
B10D3020A	10kA MCB 3 Pole 20 Amp
B10D3025A	10kA MCB 3 Pole 25 Amp
B10D3032A	10kA MCB 3 Pole 32 Amp
B10D3040A	10kA MCB 3 Pole 40 Amp
B10D3050A	10kA MCB 3 Pole 50 Amp
B10D3063A	10kA MCB 3 Pole 63 Amp

10kA RCCB 30mA 3 Pole + N



Manufactured in accordance with
IEC 61008-1



Part Number	Description
<i>Type AC</i>	
B10R4025-30	10kA RCCB AC 3 Pole + N 25 Amp
B10R4032-30	10kA RCCB AC 3 Pole + N 32 Amp
B10R4040-30	10kA RCCB AC 3 Pole + N 40 Amp
B10R4063-30	10kA RCCB AC 3 Pole + N 63 Amp
<i>Type A</i>	
B10R4025-30-A	10kA RCCB AC 3 Pole + N 25 Amp
B10R4032-30-A	10kA RCCB AC 3 Pole + N 32 Amp
B10R4040-30-A	10kA RCCB AC 3 Pole + N 40 Amp
B10R4063-30-A	10kA RCCB AC 3 Pole + N 63 Amp

10kA RCCB 30mA 1 Pole + N Type AC*



Manufactured in accordance with
IEC 61008-1



Part Number	Description
<i>Type AC</i>	
B10R2025-30	10kA RCCB AC 1 Pole + N 25 Amp
B10R2032-30	10kA RCCB AC 1 Pole + N 32 Amp
B10R2040-30	10kA RCCB AC 1 Pole + N 40 Amp
B10R2063-30	10kA RCCB AC 1 Pole + N 63 Amp
<i>Type A</i>	
B10R2025-30-A	10kA RCCB AC 1 Pole + N 25 Amp
B10R2032-30-A	10kA RCCB AC 1 Pole + N 32 Amp
B10R2040-30-A	10kA RCCB AC 1 Pole + N 40 Amp
B10R2063-30-A	10kA RCCB AC 1 Pole + N 63 Amp

10kA RCCB 30mA Type B



Manufactured in accordance with
IEC 61008-1 & IEC 62423



Part Number	Description
B10R2040-30-B	10kA 30mA RCCB AC 1 Pole+N 40 Amp 230VAC
B10R2040-30-B3	3 Module 10kA 30mA RCCB AC 1 Pole+N 40 Amp 230VAC
B10R4040-30-B	10kA 30mA RCCB AC 3 Pole+N 40 Amp 415VAC

10kA RCBO B Curve 1 Pole + N Type AC*



Manufactured in accordance with IEC 61009



Part Number	Description
B6BR1N06-30	10kA RCBO 30mA 1 Pole + N 6 Amp
B6BR1N10-30	10kA RCBO 30mA 1 Pole + N 10 Amp
B6BR1N16-30	10kA RCBO 30mA 1 Pole + N 16 Amp
B6BR1N20-30	10kA RCBO 30mA 1 Pole + N 20 Amp
B6BR1N25-30	10kA RCBO 30mA 1 Pole + N 25 Amp
B6BR1N32-30	10kA RCBO 30mA 1 Pole + N 32 Amp
B6BR1N40-30	10kA RCBO 30mA 1 Pole + N 40 Amp

NOTE: 100/300/500mA residual current available upon request, type A or AC. Please contact IMO.
* Type A also available

10kA RCBO A/AC C Curve 1 Pole + N Type A*



Manufactured in accordance with IEC 61009



Part Number	Description
B6CR1N06-30-A	10kA RCBO 30mA 1 Pole + N 6 Amp
B6CR1N10-30-A	10kA RCBO 30mA 1 Pole + N 10 Amp
B6CR1N16-30-A	10kA RCBO 30mA 1 Pole + N 16 Amp
B6CR1N20-30-A	10kA RCBO 30mA 1 Pole + N 20 Amp
B6CR1N25-30-A	10kA RCBO 30mA 1 Pole + N 25 Amp
B6CR1N32-30-A	10kA RCBO 30mA 1 Pole + N 32 Amp
B6CR1N40-30-A	10kA RCBO 30mA 1 Pole + N 40 Amp

NOTE: 100/300/500mA residual current available upon request, type A or AC. Please contact IMO.
* Type AC also available

10kA RCBO A/AC D Curve 1 Pole + N Type A*



Manufactured in accordance with IEC 61009



Part Number	Description
B6DR1N06-30-A	10kA RCBO 30mA 1 Pole + N 6 Amp
B6DR1N10-30-A	10kA RCBO 30mA 1 Pole + N 10 Amp
B6DR1N16-30-A	10kA RCBO 30mA 1 Pole + N 16 Amp
B6DR1N20-30-A	10kA RCBO 30mA 1 Pole + N 20 Amp
B6DR1N25-30-A	10kA RCBO 30mA 1 Pole + N 25 Amp
B6DR1N32-30-A	10kA RCBO 30mA 1 Pole + N 32 Amp
B6DR1N40-30-A	10kA RCBO 30mA 1 Pole + N 40 Amp

NOTE: 100/300/500mA residual current available upon request, type A or AC. Please contact IMO.
* Type AC also available

6kA Compact RCBO B Curve 1 Pole + N



Type A
Manufactured in accordance with IEC 61009



Part Number	Description
B6BRC1N06-30-A	6kA Compact RCBO 30mA 1 Pole + N 6 Amp
B6BRC1N10-30-A	6kA Compact RCBO 30mA 1 Pole + N 10 Amp
B6BRC1N16-30-A	6kA Compact RCBO 30mA 1 Pole + N 16 Amp
B6BRC1N20-30-A	6kA Compact RCBO 30mA 1 Pole + N 20 Amp
B6BRC1N25-30-A	6kA Compact RCBO 30mA 1 Pole + N 25 Amp
B6BRC1N32-30-A	6kA Compact RCBO 30mA 1 Pole + N 32 Amp

NOTE: Type AC also available. Please contact IMO.

6kA Compact RCBO C Curve 1 Pole + N



Type A
Manufactured in accordance with IEC 61009



Part Number	Description
B6CRC1N06-30-A	6kA Compact RCBO 30mA 1 Pole + N 6 Amp
B6CRC1N10-30-A	6kA Compact RCBO 30mA 1 Pole + N 10 Amp
B6CRC1N13-30-A	6kA Compact RCBO 30mA 1 Pole + N 13 Amp
B6CRC1N16-30-A	6kA Compact RCBO 30mA 1 Pole + N 16 Amp
B6CRC1N20-30-A	6kA Compact RCBO 30mA 1 Pole + N 20 Amp
B6CRC1N25-30-A	6kA Compact RCBO 30mA 1 Pole + N 25 Amp
B6CRC1N32-30-A	6kA Compact RCBO 30mA 1 Pole + N 32 Amp

NOTE: Type AC also available. Please contact IMO.

MCB Accessories



Part Number	Description
BA1	MCB Terminal Adaptor
B10-TERM	MCB Terminal Blanking Cap
B10-F3	MCB Aux Contact 1PCO 6A
B10S3	MCB Shunt Trip
B10-LOCK	MCB Lock Device (Padlock not included)
BB80A1P-F	MCB Busbar 80 Amp 1P 1m Fork Type
BB80A1P-P	MCB Busbar 80 Amp 1P 1m Pin Type
BB80A3P-F	MCB Busbar 80 Amp 3P 1m Fork Type
BB80A3P-P	MCB Busbar 80 Amp 3P 1m Pin Type
BB80A4P-F	MCB Busbar 80 Amp 4P 1m Fork Type
BB1P-CAP	End Cap for 1P Busbar
BB3P-CAP	End Cap for 3P Busbar
BR6-S2	Shunt Trip 400/230/110VAC
BR6-U2-02	Under/Over Voltage Trip 170V<230V>280V



IMO STARLINE CATALOGUE

10kA MCB UL 489 C Curve 1 Pole



Manufactured in accordance with
UL 489
UL File No.: E495936



Part Number	Description
UB10C100.5A	10kA MCB UL 489 1 pole 0.5A C Curve
UB10C1001A	10kA MCB UL 489 1 pole 1A C Curve
UB10C101.6A	10kA MCB UL 489 1 pole 1.6A C Curve
UB10C1002A	10kA MCB UL 489 1 pole 2A C Curve
UB10C1003A	10kA MCB UL 489 1 pole 3A C Curve
UB10C1004A	10kA MCB UL 489 1 pole 4A C Curve
UB10C1005A	10kA MCB UL 489 1 pole 5A C Curve
UB10C1006A	10kA MCB UL 489 1 pole 6A C Curve
UB10C1007A	10kA MCB UL 489 1 pole 7A C Curve
UB10C1008A	10kA MCB UL 489 1 pole 8A C Curve
UB10C1010A	10kA MCB UL 489 1 pole 10A C Curve
UB10C1013A	10kA MCB UL 489 1 pole 13A C Curve
UB10C1015A	10kA MCB UL 489 1 pole 15A C Curve
UB10C1016A	10kA MCB UL 489 1 pole 16A C Curve
UB10C1020A	10kA MCB UL 489 1 pole 20A C Curve
UB10C1025A	10kA MCB UL 489 1 pole 25A C Curve
UB10C1030A	10kA MCB UL 489 1 pole 30A C Curve
UB10C1032A	10kA MCB UL 489 1 pole 32A C Curve
UB10C1040A	10kA MCB UL 489 1 pole 40A C Curve
UB10C1050A	10kA MCB UL 489 1 pole 50A C Curve
UB10C1060A	10kA MCB UL 489 1 pole 60A C Curve
UB10C1063A	10kA MCB UL 489 1 pole 63A C Curve

10kA MCB UL 489 C Curve 2 Pole



Manufactured in accordance with
UL 489
UL File No.: E495936



Part Number	Description
UB10C200.5A	10kA MCB UL 489 2 pole 0.5A C Curve
UB10C2001A	10kA MCB UL 489 2 pole 1A C Curve
UB10C201.6A	10kA MCB UL 489 2 pole 1.6A C Curve
UB10C2002A	10kA MCB UL 489 2 pole 2A C Curve
UB10C2003A	10kA MCB UL 489 2 pole 3A C Curve
UB10C2004A	10kA MCB UL 489 2 pole 4A C Curve
UB10C2005A	10kA MCB UL 489 2 pole 5A C Curve
UB10C2006A	10kA MCB UL 489 2 pole 6A C Curve
UB10C2007A	10kA MCB UL 489 2 pole 7A C Curve
UB10C2008A	10kA MCB UL 489 2 pole 8A C Curve
UB10C2010A	10kA MCB UL 489 2 pole 10A C Curve
UB10C2013A	10kA MCB UL 489 2 pole 13A C Curve
UB10C2015A	10kA MCB UL 489 2 pole 15A C Curve
UB10C2016A	10kA MCB UL 489 2 pole 16A C Curve
UB10C2020A	10kA MCB UL 489 2 pole 20A C Curve
UB10C2025A	10kA MCB UL 489 2 pole 25A C Curve
UB10C2030A	10kA MCB UL 489 2 pole 30A C Curve
UB10C2032A	10kA MCB UL 489 2 pole 32A C Curve
UB10C2040A	10kA MCB UL 489 2 pole 40A C Curve
UB10C2050A	10kA MCB UL 489 2 pole 50A C Curve
UB10C2060A	10kA MCB UL 489 2 pole 60A C Curve
UB10C2063A	10kA MCB UL 489 2 pole 63A C Curve

10kA MCB UL 489 C Curve 3 Pole



Manufactured in accordance with
UL 489
UL File No.: E495936



Part Number	Description
UB10C300.5A	10kA MCB UL 489 3 pole 0.5A C Curve
UB10C3001A	10kA MCB UL 489 3 pole 1A C Curve
UB10C301.6A	10kA MCB UL 489 3 pole 1.6A C Curve
UB10C3002A	10kA MCB UL 489 3 pole 2A C Curve
UB10C3003A	10kA MCB UL 489 3 pole 3A C Curve
UB10C3004A	10kA MCB UL 489 3 pole 4A C Curve
UB10C3005A	10kA MCB UL 489 3 pole 5A C Curve
UB10C3006A	10kA MCB UL 489 3 pole 6A C Curve
UB10C3007A	10kA MCB UL 489 3 pole 7A C Curve
UB10C3008A	10kA MCB UL 489 3 pole 8A C Curve
UB10C3010A	10kA MCB UL 489 3 pole 10A C Curve
UB10C3013A	10kA MCB UL 489 3 pole 13A C Curve
UB10C3015A	10kA MCB UL 489 3 pole 15A C Curve
UB10C3016A	10kA MCB UL 489 3 pole 16A C Curve
UB10C3020A	10kA MCB UL 489 3 pole 20A C Curve
UB10C3025A	10kA MCB UL 489 3 pole 25A C Curve
UB10C3030A	10kA MCB UL 489 3 pole 30A C Curve
UB10C3032A	10kA MCB UL 489 3 pole 32A C Curve
UB10C3040A	10kA MCB UL 489 3 pole 40A C Curve
UB10C3050A	10kA MCB UL 489 3 pole 50A C Curve
UB10C3060A	10kA MCB UL 489 3 pole 60A C Curve
UB10C3063A	10kA MCB UL 489 3 pole 63A C Curve

10kA MCB UL 1077 C Curve 1 Pole



Manufactured in accordance with
UL 1077
UL File No.: E495935



Part Number	Description
US10C100.5A	10kA MCB UL 1077 1 pole 0.5A C Curve
US10C1001A	10kA MCB UL 1077 1 pole 1A C Curve
US10C101.6A	10kA MCB UL 1077 1 pole 1.6A C Curve
US10C1002A	10kA MCB UL 1077 1 pole 2A C Curve
US10C1003A	10kA MCB UL 1077 1 pole 3A C Curve
US10C1004A	10kA MCB UL 1077 1 pole 4A C Curve
US10C1005A	10kA MCB UL 1077 1 pole 5A C Curve
US10C1006A	10kA MCB UL 1077 1 pole 6A C Curve
US10C1007A	10kA MCB UL 1077 1 pole 7A C Curve
US10C1008A	10kA MCB UL 1077 1 pole 8A C Curve
US10C1010A	10kA MCB UL 1077 1 pole 10A C Curve
US10C1013A	10kA MCB UL 1077 1 pole 13A C Curve
US10C1015A	10kA MCB UL 1077 1 pole 15A C Curve
US10C1016A	10kA MCB UL 1077 1 pole 16A C Curve
US10C1020A	10kA MCB UL 1077 1 pole 20A C Curve
US10C1025A	10kA MCB UL 1077 1 pole 25A C Curve
US10C1030A	10kA MCB UL 1077 1 pole 30A C Curve
US10C1032A	10kA MCB UL 1077 1 pole 32A C Curve
US10C1040A	10kA MCB UL 1077 1 pole 40A C Curve
US10C1050A	10kA MCB UL 1077 1 pole 50A C Curve
US10C1060A	10kA MCB UL 1077 1 pole 60A C Curve
US10C1063A	10kA MCB UL 1077 1 pole 63A C Curve

10kA MCB UL 1077 C Curve 2 Pole



Manufactured in accordance with
UL 1077
UL File No.: E495935



Part Number	Description
US10C200.5A	10kA MCB UL 1077 2 pole 0.5A C Curve
US10C2001A	10kA MCB UL 1077 2 pole 1A C Curve
US10C201.6A	10kA MCB UL 1077 2 pole 1.6A C Curve
US10C2002A	10kA MCB UL 1077 2 pole 2A C Curve
US10C2003A	10kA MCB UL 1077 2 pole 3A C Curve
US10C2004A	10kA MCB UL 1077 2 pole 4A C Curve
US10C2005A	10kA MCB UL 1077 2 pole 5A C Curve
US10C2006A	10kA MCB UL 1077 2 pole 6A C Curve
US10C2007A	10kA MCB UL 1077 2 pole 7A C Curve
US10C2008A	10kA MCB UL 1077 2 pole 8A C Curve
US10C2010A	10kA MCB UL 1077 2 pole 10A C Curve
US10C2013A	10kA MCB UL 1077 2 pole 13A C Curve
US10C2015A	10kA MCB UL 1077 2 pole 15A C Curve
US10C2016A	10kA MCB UL 1077 2 pole 16A C Curve
US10C2020A	10kA MCB UL 1077 2 pole 20A C Curve
US10C2025A	10kA MCB UL 1077 2 pole 25A C Curve
US10C2030A	10kA MCB UL 1077 2 pole 30A C Curve
US10C2032A	10kA MCB UL 1077 2 pole 32A C Curve
US10C2040A	10kA MCB UL 1077 2 pole 40A C Curve
US10C2050A	10kA MCB UL 1077 2 pole 50A C Curve
US10C2060A	10kA MCB UL 1077 2 pole 60A C Curve
US10C2063A	10kA MCB UL 1077 2 pole 63A C Curve

10kA MCB UL 1077 C Curve 3 Pole



Manufactured in accordance with
UL 1077
UL File No.: E495935



Part Number	Description
US10C300.5A	10kA MCB UL 1077 3 pole 0.5A C Curve
US10C3001A	10kA MCB UL 1077 3 pole 1A C Curve
US10C301.6A	10kA MCB UL 1077 3 pole 1.6A C Curve
US10C3002A	10kA MCB UL 1077 3 pole 2A C Curve
US10C3003A	10kA MCB UL 1077 3 pole 3A C Curve
US10C3004A	10kA MCB UL 1077 3 pole 4A C Curve
US10C3005A	10kA MCB UL 1077 3 pole 5A C Curve
US10C3006A	10kA MCB UL 1077 3 pole 6A C Curve
US10C3007A	10kA MCB UL 1077 3 pole 7A C Curve
US10C3008A	10kA MCB UL 1077 3 pole 8A C Curve
US10C3010A	10kA MCB UL 1077 3 pole 10A C Curve
US10C3013A	10kA MCB UL 1077 3 pole 13A C Curve
US10C3015A	10kA MCB UL 1077 3 pole 15A C Curve
US10C3016A	10kA MCB UL 1077 3 pole 16A C Curve
US10C3020A	10kA MCB UL 1077 3 pole 20A C Curve
US10C3025A	10kA MCB UL 1077 3 pole 25A C Curve
US10C3030A	10kA MCB UL 1077 3 pole 30A C Curve
US10C3032A	10kA MCB UL 1077 3 pole 32A C Curve
US10C3040A	10kA MCB UL 1077 3 pole 40A C Curve
US10C3050A	10kA MCB UL 1077 3 pole 50A C Curve
US10C3060A	10kA MCB UL 1077 3 pole 60A C Curve
US10C3063A	10kA MCB UL 1077 3 pole 63A C Curve

NOTE: All UL MCBs shown are C Curve. UL 489 type MCBs are also available in D Curve. For correct part number replace "C" with "D" for example UB10C1001A becomes UB10D1001A. UL 1077 type MCBs are also available in B Curve and D Curve. For correct part number replace "C" with either "B" or "D" depending upon requirement, for example US10C2001A becomes US10B2001A for B Curve, or US10D2001A for D Curve.

PRICING GROUP
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Surge Protection Devices



SPDS Compact Single Module SPD



Type 2 Surge Protection Device
Protects all earthing systems -
TN, TT, IT
Suitable for 20kA & 40kA systems



Part Number	Description
SPDS-201N	20kA Surge Protection 275VAC 1P+N
SPDS-401N*	40kA Surge Protection 275VAC 1P+N

* Available from stock

SPD2 Standard SPD



Type 2/3 Surge Protection Device
Protects all earthing systems -
TN, TT, IT
Suitable for 20kA & 40kA systems



Part Number	Description
SPD2-401N*	2 Module 40kA Surge Protection 275VAC 1P+N
SPD4-403N*	4 Module 40kA Surge Protection 275VAC 3P+N
SPD2-201N	2 Module 20kA Surge Protection 275VAC 1P+N
SPD4-203N	4 Module 20kA Surge Protection 275VAC 3P+N
SPD2-20-275	2 Module 20kA Surge Protection 275VAC 2P TN Only
SPD2-40-275	2 Module 40kA Surge Protection 275VAC 2P TN Only
SPD4-20-275	4 Module 20kA Surge Protection 275VAC 4P TN Only
SPD4-40-275	4 Module 40kA Surge Protection 275VAC 4P TN Only

* Available from stock



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DIN Rail Terminals & Accessories

Including End Brackets, Cross Connections, Markers, DIN Rail & Busbars



Screw Clamp Terminals



Available Colours (Beige as standard)



Part Number	Description
ER2.5	2.5mm ² 750V 24 Amp (Pack size 100pcs)
ER4	4mm ² 750V 32 Amp (Pack size 100pcs*)
ER6	6mm ² 630V 41 Amp (Pack size 100pcs*)
ER10	10mm ² 630V 57 Amp (Pack size 100pcs)
ER16	16mm ² 750V 76 Amp (Pack size 50pcs)
ER16P	16mm ² 750V 76 Amp (Pack size 50pcs)
ER25P	25mm ² 750V 101 Amp (Pack size 50pcs)
ER35P	35mm ² 750V 125 Amp (Pack size 50pcs)

* Pack size quantities will change as old stock is replenished as follows:-
ER4 new pack size: 80pcs ER6 new pack size: 60pcs

NOTE: When ordering, please specify the colour required. i.e. ER2.5BLUE.
ER16P, ER25P & ER35P can be used on either standard DIN Rail or G-Rail.



— G-Rail profile

Screw Clamp High-Insulation Terminals



Available Colours (Beige as standard)



Part Number	Description
ER50	50mm ² 1000V 150 Amp (Pack size 25pcs)
ER70	70mm ² 1000V 192 Amp (Pack size 10pcs)
ER95	95mm ² 1000V 232 Amp (Pack size 6pcs)
ER150	150mm ² 1000V 309 Amp (Pack size 4pcs)
ER240	240mm ² 1000V 415 Amp (Pack size 4pcs)

PV Rated Screw Clamp Terminals



1000V Rated up to 175A
Specifically for use in Solar Applications



Part Number	Description
ER16PV	16mm ² 1000V 85 Amp (Pack size 50pcs)
ER35PV	35mm ² 1000V 115 Amp (Pack size 40pcs)
ER50PV	50mm ² 1000V 150 Amp (Pack size 25pcs)
ER70PV	70mm ² 1000V 175 Amp (Pack size 25pcs)

Screw Clamp Earth Terminals



Green/Yellow Marble Only



Part Number	Description
ERPE2.5P	2.5mm ² (Pack size 50pcs)
ERPE2.5/4	4mm ² (Pack size 50pcs)
ERPE6/10	6mm ² (Pack size 25pcs)
ERPE16P	16mm ² (Pack size 25pcs)
ERPE35P	35mm ² (Pack size 1pc)

Screw Clamp High-Current Terminals



Available Colours (Beige as standard)



Part Number	Description
ERB95	95mm ² 1000V 232 Amp (Pack size 4pcs)
ERB150	150mm ² 1000V 309 Amp (Pack size 4pcs)
ERB240	240mm ² 1000V 415 Amp (Pack size 4pcs)

NOTE: All DIN Rail Terminals listed are supplied in pack sizes of 100 pieces

Screw Clamp High-Current Accessories

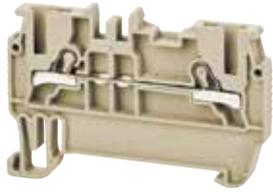


Part Number	Description
IC95	Isolation Cover for ERB95 (Pack of 4)
IC150	Isolation Cover for ERB150 (Pack of 4)
IC240	Isolation Cover for ERB240 (Pack of 4)
CCB95/2*	Cross Connector for ERB95 2-Way (Pack of 5)
CCB150/2*	Cross Connector for ERB150 2-Way (Pack of 5)
CCB240/2*	Cross Connector for ERB240 2-Way (Pack of 5)

* Available in 2-Way, 3-Way and 4-Way e.g. CCB95/4

For a complete range of DIN Rail Terminal accessories, including Busbars, Terminal Strips and Clamping Yokes, refer to www.imopc.com or contact IMO for more information and pricing.

Push Fit Terminals



Available Colours (Beige as standard)



Part Number	Description
PF1.5	1.5mm ² 800V 17.5 Amp (Pack size 100pcs)
PF2.5	2.5mm ² 800V 24 Amp (Pack size 100pcs)
PF4	4mm ² 800V 32 Amp (Pack size 100pcs*)
PF6	6mm ² 800V 41 Amp (Pack size 100pcs*)
PF10	10mm ² 800V 57 Amp (Pack size 50pcs)

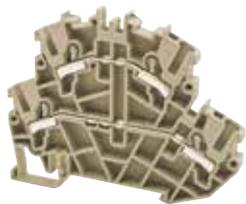
* Pack size quantities will change as old stock is replenished as follows:-
PF4 new pack size: 80pcs PF6 new pack size: 60pcs

NOTE: When ordering, please specify the colour required. i.e. PF2.5BLUE



PUSH FIT: On average, the IMO Push Fit terminal offers up to 75% saving on wiring time when compared to a screw clamp connection.

Double Deck Push Fit Terminals

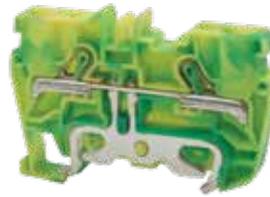


Available Colours (Beige as standard)



Part Number	Description
PFD2.5	2.5mm ² 500V 24 Amp (Pack size 40pcs)
PFD2.5V	2.5mm ² 500V 24 Amp (Pack size 40pcs)
PFD4	4mm ² 500V 32 Amp (Pack size 25pcs)

Push Fit Earth Terminals



Green/Yellow Marble Only



Part Number	Description
PFPE1.5P	1.5mm ² (Pack size 80pcs)
PFPE2.5P	2.5mm ² (Pack size 50pcs)
PFPE4P	4mm ² (Pack size 50pcs)
PFPE6P	6mm ² (Pack size 60pcs)
PFPE10P	10mm ² (Pack size 25pcs)

Fuse Push Fit Terminals



Available Colours (Beige as standard)



Part Number	Description
PFF4LD520-24VDC	4mm ² 24VDC 10 Amp (Pack size 15pcs)
PFF4LD520-220VAC	4mm ² 220V 10 Amp (Pack size 15pcs)
PFF4LD525-24VDC	4mm ² 24VDC 10 Amp (Pack size 15pcs)
PFF4LD525-220VAC	4mm ² 220V 10 Amp (Pack size 15pcs)
PFF3	4mm ² 500V 10 Amp (Pack size 15pcs)
PFF3LD-24VDC	4mm ² 24VDC 10 Amp (Pack size 15pcs)
PFF3LD-220VAC	4mm ² 220V 10 Amp (Pack size 15pcs)

Cross Connections



Available in 2, 3, 4 & 10 Configurations
Sold in Pack of 5 Pieces



Part Number	Description
CC2.5/10*	For Use With ER2.5
CC4/10*	For Use With ER4
CC6/10*	For Use With ER6
CC10/10*	For Use With ER10
CC16/10*	For Use With ER16, ER16P & ER25
CC35/10*	For Use With ER35
CCS1.5/10*	For Use With PF1.5
CCS2.5/10*	For Use With PF2.5
CCS4/10*	For Use With PF4
CCS6/10*	For Use With PF6
CCS10/10*	For Use With PF10

* Available in 2, 3, 4 & 10 configurations

NOTE: Prices quoted are based on 10 configuration and can be broken down into virtually any configuration.



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End Brackets

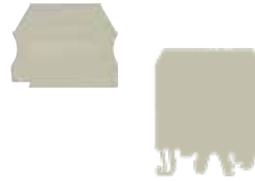


Supplied in Beige As Standard
(Other Colours Available)
Sold in Pack of 100 Pieces
(ES6 Sold in Pack of 50 Pieces)



Part Number	Description
ES1	Screw Type for MR35 Rail (Beige)
ES3	Screw Type for MR32 & MR35 Rail (Beige)
ES4	Screwless Type for MR35 Rail (Beige)
ES6	Screw Type for MR35 Rail (Beige)

End Plates



Supplied in Beige As Standard
(Other Colours Available)
Sold in Pack of 100 Pieces
(EP50 Sold in Pack of 10 Pieces)



Part Number	Description
EP2.5-10	Polyamide 66 For Use With ER2.5 - ER10
EP16	Polyamide 66 For Use With ER16
EP25P	Polyamide 66 For Use With ER25P
EP50	Polyamide 66 For Use With ER50 - ER240

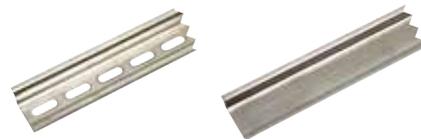
Warning Labels & Group Marking



Sold in Pack of 25 Pieces
(GMBEIGE Sold in Pack of 50 Pieces)

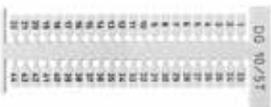
Part Number	Description
WL1	Warning Label With Symbol (Yellow)
WL2	Warning Label Without Symbol (Yellow)
WL3	Warning Label With Symbol (White)
GMBEIGE	Tag Carrier For ER Range 1xWhite Label
GM2	Tag Carrier For ER Range 4xMT5 Markers

DIN Rail



Part Number	Description
DINRAIL1M-UNSLLOT	1m Unslotted Electrolytic Zinc Coated
DINRAIL2M-UNSLLOT	2m Unslotted Electrolytic Zinc Coated
DINRAIL1MG-SLOT	1m Slotted Galvanized
DINRAIL2MG-SLOT	2m Slotted Galvanized

MT5 Marking Tags



MT5 markers can be used with
the whole DIN Terminal range.
Sold in Pack of 500 Pieces

Part Number	Description
MT5	Unprinted Tags 5x5mm
MT5-1-50	Pre-Printed Tags 1-50 5x5mm
MT5-51-100	Pre-Printed Tags 51-100 5x5mm

For all DIN Rail Terminal marking options and solutions including our Thermal Marker Printer, please visit www.imopc.com.



For the complete range of
DIN Rail Terminals,
go to www.imopc.com
and download the catalogue



PRICING GROUP
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Single & Three Phase Power Supplies

Universal Input Voltage, High Efficiency, DIN Rail Mountable



LPS-1 Single Phase PSU



NEW



Part Number	Description
<i>Plastic Body</i>	
LPS-1-010-24DC	85-264VAC or 120-370VDC 0.42 Amp 10W 24VDC
LPS-1-024-24DC	85-264VAC or 120-370VDC 1 Amp 24W 24VDC
LPS-1-030-5DC	85-264VAC or 120-370VDC 6 Amp 30W 5VDC
LPS-1-040-12DC	85-264VAC or 120-370VDC 3.33 Amp 40W 12VDC
LPS-1-040-24DC	85-264VAC or 120-370VDC 1.7 Amp 40W 24VDC
LPS-1-060-12DC	85-264VAC or 120-370VDC 5 Amp 60W 12VDC
LPS-1-060-24DC	85-264VAC or 120-370VDC 2.5 Amp 60W 24VDC
LPS-1-090-12DC	85-264VAC or 120-370VDC 7.5 Amp 90W 12VDC
<i>Metal Body</i>	
LPS-1-120-12DC	90-264VAC or 127-375VDC 10 Amp 120W 12VDC
LPS-1-120-24DC	90-264VAC or 127-375VDC 5 Amp 120W 24VDC
LPS-1-120-48DC	90-264VAC or 127-375VDC 2.5 Amp 120W 48VDC
LPS-1-240-24DC	90-264VAC or 127-375VDC 10 Amp 240W 24VDC
LPS-1-240-48DC	90-264VAC or 127-375VDC 5 Amp 240W 48VDC
LPS-1-480-24DC	90-264VAC or 127-375VDC 20 Amp 480W 24VDC

BPS-1 Single Phase Slimline PSU



Part Number	Description
<i>Plastic Body</i>	
BPS-1-15-12DC	90-264VAC 127-370VDC 1.2 Amp 15W 12VDC
BPS-1-30-12DC	90-264VAC 127-370VDC 2.5 Amp 30W 12VDC
BPS-1-15-24DC	90-264VAC 127-370VDC 0.65 Amp 15W 24VDC
BPS-1-30-24DC	90-264VAC 127-370VDC 1.3 Amp 30W 24VDC
<i>Metal Body</i>	
BPS-1-60-12DC	90-264VAC 127-370VDC 5 Amp 60W 12VDC
BPS-1-100-12DC	90-264VAC 127-370VDC 8 Amp 100W 12VDC
BPS-1-70-24DC	90-264VAC 127-370VDC 3 Amp 70W 24VDC
BPS-1-120-24DC	90-264VAC 127-370VDC 5 Amp 120W 24VDC
BPS-1-180-24DC	90-264VAC 127-370VDC 7.5 Amp 180W 24VDC
BPS-1-240-24DC	90-264VAC 127-370VDC 10 Amp 240W 24VDC
BPS-1-480-24DC	90-264VAC 127-370VDC 20 Amp 480W 24VDC

LPS-3 Three Phase PSU



NEW



Part Number	Description
<i>Metal Body</i>	
LPS-3-240-24DC	340-550VAC or 480-780VDC 10 Amp 240W 24VDC
LPS-3-480-24DC	340-550VAC or 480-780VDC 20 Amp 480W 24VDC

SPS-1 Single Phase Modular PSU



NEW



Part Number	Description
<i>Plastic Body</i>	
SPS-1-012-5DC	85-264VAC or 120-370VDC 2.4 Amp 12W 5VDC
SPS-1-015-12DC	85-264VAC or 120-370VDC 1.25 Amp 15W 12VDC
SPS-1-015-24DC	85-264VAC or 120-370VDC 0.63 Amp 15W 24VDC
SPS-1-024-12DC	85-264VAC or 120-370VDC 2 Amp 24W 12VDC
SPS-1-030-24DC	85-264VAC or 120-370VDC 1.25 Amp 30W 24VDC
SPS-1-060-24DC	85-264VAC or 120-370VDC 2.5 Amp 60W 24VDC
SPS-1-092-24DC	85-264VAC or 120-370VDC 3.83 Amp 92W 24VDC
SPS-1-150-24DC	85-264VAC or 120-370VDC 6.25 Amps 150W (230VAC) / 5.3 Amps 127.4W (115VAC) 24VDC

HPS-1 Single Phase Peak Performance PSU



NEW



Part Number	Description
<i>Metal Body</i>	
HPS-1-120-12DC	90-264VAC or 127-375VDC 10 Amp 120W (180W for 3 sec) 12VDC
HPS-1-120-24DC	90-264VAC or 127-375VDC 5 Amp 120W (180W for 3 sec) 24VDC
HPS-1-120-48DC	90-264VAC or 127-375VDC 2.5 Amp 120W (180W for 3 sec) 48VDC
HPS-1-240-24DC	90-264VAC or 127-375VDC 10 Amp 240W (360W for 3 sec) 24VDC
HPS-1-240-48DC	90-264VAC or 127-375VDC 5 Amp 240W (360W for 3 sec) 48VDC
HPS-1-480-24DC	90-264VAC or 127-375VDC 20 Amp 480W (720W for 3 sec) 24VDC

REDMOD Redundancy Module PSU



NEW



Part Number	Description
REDMOD20	19-29VDC 20 Amps Continuous 2 Inputs IP20



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Enclosed AC Isolators (PE69)

3, 4, 6 & 8 Pole Versions Available, On Load 20A ~ 125A



PE69 3 Pole ↑ 125A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description
PE69-3020	3 Pole 20 Amp (AC21) 16 Amp (AC23)
PE69-3025	3 Pole 25 Amp (AC21) 20 Amp (AC23)
PE69-3032	3 Pole 32 Amp (AC21) 25 Amp (AC23)
PE69-3040	3 Pole 40 Amp (AC21) 32 Amp (AC23)
PE69-3063	3 Pole 63 Amp (AC21) 45 Amp (AC23)
PE69-3080	3 Pole 80 Amp (AC21) 45 Amp (AC23)
PE69-30100	3 Pole 100 Amp (AC21) 72 Amp (AC23)
PE69-30125	3 Pole 125 Amp (AC21) 85 Amp (AC23)

PE69 4 Pole ↑ 125A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description
PE69-4020	4 Pole 20 Amp (AC21) 16 Amp (AC23)
PE69-4025	4 Pole 25 Amp (AC21) 20 Amp (AC23)
PE69-4032	4 Pole 32 Amp (AC21) 25 Amp (AC23)
PE69-4040	4 Pole 40 Amp (AC21) 32 Amp (AC23)
PE69-4063	4 Pole 63 Amp (AC21) 45 Amp (AC23)
PE69-4080	4 Pole 80 Amp (AC21) 45 Amp (AC23)
PE69-40100	4 Pole 100 Amp (AC21) 72 Amp (AC23)
PE69-40125	4 Pole 125 Amp (AC21) 85 Amp (AC23)

PE69 L 3 Pole ↑ 125A IP66 AC Isolator



↑
**Longer Body
with extra
wiring space**
↓

Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description
PE69-3020L	3 Pole 20 Amp (AC21) 16 Amp (AC23)
PE69-3025L	3 Pole 25 Amp (AC21) 20 Amp (AC23)
PE69-3032L	3 Pole 32 Amp (AC21) 25 Amp (AC23)
PE69-3040L	3 Pole 40 Amp (AC21) 32 Amp (AC23)

PE69 L 4 Pole ↑ 125A IP66 AC Isolator



↑
**Longer Body
with extra
wiring space**
↓

Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description
PE69-4020L	4 Pole 20 Amp (AC21) 16 Amp (AC23)
PE69-4025L	4 Pole 25 Amp (AC21) 20 Amp (AC23)
PE69-4032L	4 Pole 32 Amp (AC21) 25 Amp (AC23)
PE69-4040L	4 Pole 40 Amp (AC21) 32 Amp (AC23)

PE69 6 Pole ↑ 80A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description
PE69-6020	6 Pole 20 Amp (AC21) 16 Amp (AC23)
PE69-6025	6 Pole 25 Amp (AC21) 20 Amp (AC23)
PE69-6032	6 Pole 32 Amp (AC21) 25 Amp (AC23)
PE69-6040	6 Pole 40 Amp (AC21) 32 Amp (AC23)
PE69-6063	6 Pole 63 Amp (AC21) 45 Amp (AC23)
PE69-6080	6 Pole 80 Amp (AC21) 45 Amp (AC23)

PE69 8 Pole ↑ 80A IP66 AC Isolator



Red/Yellow
3 Padlock Positions
Auxiliary Contact Available



Part Number	Description
PE69-8020	8 Pole 20 Amp (AC21) 16 Amp (AC23)
PE69-8025	8 Pole 25 Amp (AC21) 20 Amp (AC23)
PE69-8032	8 Pole 32 Amp (AC21) 25 Amp (AC23)
PE69-8040	8 Pole 40 Amp (AC21) 32 Amp (AC23)
PE69-8063	8 Pole 63 Amp (AC21) 45 Amp (AC23)
PE69-8080	8 Pole 80 Amp (AC21) 45 Amp (AC23)

Front Panel (PM69), Direct (DM69) & Base Mount AC Isolators (LB69) 3 & 4 Pole Versions Available, On Load 20A ~ 80A



PM69 3 Pole ↑ 125A AC Isolator



Range of Door Handles
(1 or 3 Padlocking Positions) Available



Part Number	Description
PM69-3020-B64	3 Pole 20 Amp Black Handle 64x64mm
PM69-3020-RY48	3 Pole 20 Amp Red/Yellow Handle 48x48mm
PM69-3020-RY64	3 Pole 20 Amp Red/Yellow Handle 64x64mm
PM69-3025-RY64	3 Pole 25 Amp Red/Yellow Handle 64x64mm
PM69-3032-RY64	3 Pole 32 Amp Red/Yellow Handle 64x64mm
PM69-3040-RY64	3 Pole 40 Amp Red/Yellow Handle 64x64mm
PM69-3063-RY64	3 Pole 63 Amp Red/Yellow Handle 64x64mm
PM69-3080-RY64	3 Pole 80 Amp Red/Yellow Handle 64x64mm
PM69-30100-RY64	3 Pole 100 Amp Red/Yellow Handle 64x64mm
PM69-30125-RY64	3 Pole 125 Amp Red/Yellow Handle 64x64mm

PM69 4 Pole ↑ 125A AC Isolator



Range of Door Handles
(1 or 3 Padlocking Positions) Available



Part Number	Description
PM69-4020-RY64	4 Pole 20 Amp Red/Yellow Handle 64x64mm
PM69-4032-RY48	4 Pole 32 Amp Red/Yellow Handle 48x48mm
PM69-4040-RY64	4 Pole 40 Amp Red/Yellow Handle 64x64mm
PM69-4063-RY64	4 Pole 63 Amp Red/Yellow Handle 64x64mm
PM69-4080-RY64	4 Pole 80 Amp Red/Yellow Handle 64x64mm
PM69-40100-RY64	4 Pole 100 Amp Red/Yellow Handle 64x64mm

LB69 3 Pole ↑ 80A AC Isolator



Range of Interlocked Door Handles
(1 or 3 Padlocking Positions) Available



Part Number	Description
LB69-3020	3 Pole 20 Amp (AC21) 16 Amp (AC23)
LB69-3025	3 Pole 25 Amp (AC21) 20 Amp (AC23)
LB69-3032	3 Pole 32 Amp (AC21) 25 Amp (AC23)
LB69-3040	3 Pole 40 Amp (AC21) 32 Amp (AC23)
LB69-3063	3 Pole 63 Amp (AC21) 45 Amp (AC23)
LB69-3080	3 Pole 80 Amp (AC21) 45 Amp (AC23)

LB69 4 Pole ↑ 80A AC Isolator



Range of Interlocked Door Handles
(1 or 3 Padlocking Positions) Available



Part Number	Description
LB69-4020	4 Pole 20 Amp (AC21) 16 Amp (AC23)
LB69-4025	4 Pole 25 Amp (AC21) 20 Amp (AC23)
LB69-4032	4 Pole 32 Amp (AC21) 25 Amp (AC23)
LB69-4040	4 Pole 40 Amp (AC21) 32 Amp (AC23)
LB69-4063	4 Pole 63 Amp (AC21) 45 Amp (AC23)
LB69-4080	4 Pole 80 Amp (AC21) 45 Amp (AC23)

NOTE: 6 Pole and 8 Pole versions are available upon request.

DM69 3,4 & 8 Pole ↑ 80A AC Isolator



1 Padlocking Position
48x48 Handle in Black or Red/Yellow
To Suit Distribution Boxes



Part Number	Description
DM69-3020-RY48	3 Pole 20 Amp (AC21) Red/Yellow Handle
DM69-3032-RY48	3 Pole 32 Amp (AC21) Red/Yellow Handle
DM69-3063-RY48	3 Pole 63 Amp (AC21) Red/Yellow Handle
DM69-4032-RY48	4 Pole 32 Amp (AC21) Red/Yellow Handle
DM69-4063-RY48	4 Pole 63 Amp (AC21) Red/Yellow Handle
DM69-8032-RY48	8 Pole 32 Amp (AC21) Red/Yellow Handle

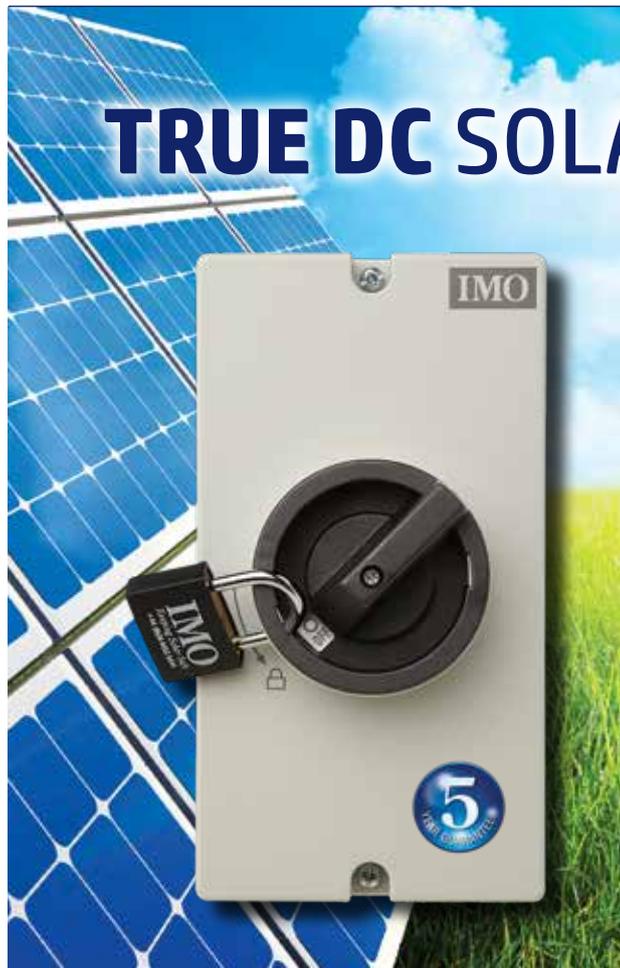
AC Isolator Accessories



Part Number	Description
H69-0001	Red/Yellow Handle 64x64mm
H69-0001-B	Black Handle 64x64mm
H69-0003	Red/Yellow Handle 48x48mm
H69-0004	Black Handle 48x48mm
J7049	Door Handle Mounting Tool
E69-0001	Extension Shaft 100mm
E69-0002	Extension Shaft 200mm
E69-0003	Extension Shaft 300mm
E69-0004	Extension Shaft 400mm
A69-0001	Aux. Contacts 1NO+1NC
A69-0002	Aux. Contacts 2NO



TRUE DC SOLAR ISOLATORS



Over 8 Million Installed Units

In solar installation, the DC isolator is like a vehicle air-bag. You never know it really works until you need it. So it's good to know that the IMO SI has now surpassed 8million installed units without a single recorded failure.

Not surprising considering the product carries all the most important approvals including UL508i, TUV (IEC 60947-1 & IEC 60947-3), CE and CCC. In fact, the IMO SI solar isolator has been tested by some of the most rigorous examiners and OEM manufacturers in the world, passing with flying colours every single time.

As ever, the SI range has a guaranteed arc suppression time of under 5mS, in built arc cooling chambers, operator independent switching mechanism and Safe-Lock handle, making it one of the safest DC isolators available, no matter who uses it or how slowly they operate it.

Why take a risk on safety? Insist on TRUE DC, contact us for a quotation and see why the IMO SI TRUE DC Isolator is the sensible choice for the PV installer.

Keep Solar Safe

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SI Range of Solar Isolators & Accessories

Market-leading TRUE DC enclosed solar isolators since 2009



Enclosed Isolator with Rotary Actuator Switch - Lockable OFF



- Rotary Actuator Switch
- Lockable OFF with Safe-Lock ©
- Self-Extinguishing Plastic Enclosure
- M25 Cable Gland Entry Option
- NEMA Type 4X
- IP67 Rated



Part Number	DC-PV1				UL Ratings UL508i				Poles in series	No. of Strings	Contact Configuration
	600V	800V	1000V	1500V	350V	500V	600V	1000V			
SI16-PEL64R-2	16A	16A	10A	3A	16A	16A	16A	-	2	1	
SI25-PEL64R-2	25A	20A	11.5A	5A	25A	25A	25A	-	2	1	
SI32-PEL64R-2	32A	23A	13A	6A	32A	32A	32A	-	2	1	
SI40-PEL64R-2	48A	35A	29A	8A	48A	48A	48A	16A	2	1	
SI55-PEL64R-2	55A	55A	36A	10A	55A	55A	55A	20A	2	1	
SI65-PEL64R-2	76A	65A	40A	10A	65A	65A	65A	25A	2	1	
SI16-PEL64R-4	16A	16A	10A	3A	16A	16A	16A	-	2	2	
SI25-PEL64R-4	25A	20A	11.5A	5A	25A	25A	25A	-	2	2	
SI32-PEL64R-4	32A	23A	13A	6A	32A	32A	32A	-	2	2	
SI40-PEL64R-4	48A	35A	29A	8A	48A	48A	48A	16A	2	2	
SI55-PEL64R-4	55A	55A	36A	10A	55A	55A	55A	20A	2	2	
SI65-PEL64R-4	76A	65A	40A	10A	65A	65A	65A	25A	2	2	
SI16-PEL64R-4S	16A	16A	16A	16A	16A	16A	16A	-	4	1	
SI25-PEL64R-4S	25A	25A	25A	25A	25A	25A	25A	-	4	1	
SI32-PEL64R-4S	32A	32A	32A	32A	32A	32A	32A	-	4	1	
SI40-PEL64R-4S	48A	48A	40A	40A	48A	48A	40A	40A	4	1	
SI55-PEL64R-4S	55A	55A	55A	55A	55A	55A	55A	55A	4	1	
SI65-PEL64R-4S	76A	76A	76A	55A	55A	55A	55A	55A	4	1	

Isolator with Lever Actuator Switch for Distribution Boards - Lockable OFF



- Lever Actuator Switch
- Lockable OFF with Safe-Lock ©
- For Distribution Boards
- Low Height Handle also available
- NEMA Type 1 Handle
- IP40 Body



Part Number	DC21A IEC60947-3				UL Ratings UL508i				Poles in series	No. of Strings	Contact Configuration
	600V	800V	1000V	1500V	350V	500V	600V	1000V			
SI16-DBL-2	16A	16A	10A	3A	16A	16A	16A	-	2	1	
SI25-DBL-2	25A	20A	11.5A	5A	25A	25A	25A	-	2	1	
SI32-DBL-2	32A	23A	13A	6A	32A	32A	32A	-	2	1	
SI40-DBL-2	48A	35A	29A	8A	48A	48A	48A	16A	2	1	
SI55-DBL-2	55A	55A	36A	10A	55A	55A	55A	20A	2	1	
SI65-DBL-2	76A	65A	40A	10A	65A	65A	65A	25A	2	1	
SI16-DBL-4	16A	16A	10A	3A	16A	16A	16A	-	2	2	
SI25-DBL-4	25A	20A	11.5A	5A	25A	25A	25A	-	2	2	
SI32-DBL-4	32A	23A	13A	6A	32A	32A	32A	-	2	2	
SI40-DBL-4	48A	35A	29A	8A	48A	48A	48A	16A	2	2	
SI55-DBL-4	55A	55A	36A	10A	55A	55A	55A	20A	2	2	
SI65-DBL-4	76A	65A	40A	10A	65A	65A	65A	25A	2	2	
SI16-DBL-4S	16A	16A	16A	16A	16A	16A	16A	-	4	1	
SI25-DBL-4S	25A	25A	25A	25A	25A	25A	25A	-	4	1	
SI32-DBL-4S	32A	32A	32A	32A	32A	32A	32A	-	4	1	
SI40-DBL-4S	48A	48A	40A	40A	48A	48A	40A	40A	4	1	
SI55-DBL-4S	55A	55A	55A	55A	55A	55A	55A	55A	4	1	
SI65-DBL-4S	76A	76A	76A	55A	55A	55A	55A	55A	4	1	

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ASA Plastic Distribution Boxes



ASA Plastic Distribution Boxes



High Thermal Stability
Transparent Door
Earth & Neutral Bars Included
Suitable for PV Applications



Part Number	Description
E-04W	4 Way IP65 (201 x 128 x 120mm)
E-06W	6 Way IP65 (201 x 165 x 120mm)
E-08W	8 Way IP65 (201 x 202 x 120mm)
E-12W	12 Way IP65 (259 x 319 x 144mm)
E-24W	24 Way IP65 (384 x 319 x 144mm)
E-36W	36 Way IP65 (534 x 319 x 144mm)
E-48W	48 Way IP65 (664 x 319 x 141mm)
E-BLANK	10 Way Blanking Plate for Distribution Boxes

NOTE: The image above is for illustrative purposes only, and does not come supplied as standard with the isolators as seen.



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Contactors 2.2~400kW & Accessories

High reliability contactors, interlocks and thermal overload relays



MA05 Micro Contactor

Probably the smallest
in the world

2.2kW 5A AC3 Micro Contactor



TS15 DIN Rail mountable
(for MA-P1039 35mm DIN Rail Adapter
see p.20)
Ultra small dimensions



Part Number	Description
MA05-S-01110AC	3P Open 2.2kW 12A AC1 Aux. 1NC 110VAC coil
MA05-S-0124AC	3P Open 2.2kW 12A AC1 Aux. 1NC 24VAC coil
MA05-S-10110AC	3P Open 2.2kW 12A AC1 Aux. 1NO 110VAC coil
MA05-S-10230AC	3P Open 2.2kW 12A AC1 Aux. 1NO 230VAC coil
MA05-S-0124DC	3P Open 2.2kW 12A AC1 Aux. 1NC 24VDC coil
MA05-S-1024DC	3P Open 2.2kW 12A AC1 Aux. 1NO 24VDC coil

NOTE: Other variations available including Reversing Pair & PCB mount. Please contact IMO.

4kW 9A AC3 Mini Contactor



Screw terminals option
Solder pins option
Fast on tab connection option



Part Number	Description
MB09-F-00230	3P Open 4kW 9A AC3 Fast On Connection 230VAC coil
MB09-P-10=24	3P Open 4kW 9A AC3 1NO Aux, PCB Mount 24VDC coil
MB09-R-S-0124	Reversing Pair 3P Open 4kW 9A AC3 1NC Aux, 24VAC coil
MB09-S-0040230	4P Open 4kW 9A AC3 230VAC coil
MB09-S-01230	3P Open 4kW 9A AC3 1NC Aux, 230VAC coil*
MB09-S-01=24	3P Open 4kW 9A AC3 1NC Aux, 24VDC coil*
MB09-S-10110	3P Open 4kW 9A AC3 1NO Aux, 110VAC coil*
MB09-S-10230	3P Open 4kW 9A AC3 1NO Aux, 230VAC coil*
MB09-S-1024	3P Open 4kW 9A AC3 1NO Aux, 24VAC coil*
MB09-S-10400	3P Open 4kW 9A AC3 1NO Aux, 400VAC coil*
MB09-S-10=24	3P Open 4kW 9A AC3 1NO Aux, 24VDC coil*

* Overload = U12/16E...K1

5.5kW 12A AC3 Mini Contactor



Screw terminals option
Solder pins option
Fast on tab connection option



Part Number	Description
MB12-S-01=24	3P Open 5.5kW 12A AC3, 1NC Aux, 24VDC coil*
MB12-S-10110	3P Open 5.5kW 12A AC3, 1NO Aux, 110VAC coil*
MB12-S-10230	3P Open 5.5kW 12A AC3, 1NO Aux, 230VAC coil*
MB12-S-1024	3P Open 5.5kW 12A AC3, 1NO Aux, 24VAC coil*
MB12-S-10=24	3P Open 5.5kW 12A AC3, 1NO Aux, 24VDC coil*

* Overload = U12/16E...K1

4kW 10A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC10N-S-00-04230AC	4P Closed 4kW 10A AC3, 230VAC coil*
MC10N0-S-00-04400AC	4P Closed 4kW 10A AC3, 400VAC coil*
MC10N-S-00-2224AC	4P (2NO/2NC) 4kW 10A AC3, 24VAC coil*
MC10N-S-00-2224DC	4P (2NO/2NC) 4kW 10A AC3, 24VDC coil*
MC10N-S-00-22110AC	4P (2NO/2NC) 4kW 10A AC3, 110VAC coil*
MC10N-S-00-22180AC	4P (2NO/2NC) 4kW 10A AC3, 180VAC coil*
MC10N-S-00-22230AC	4P (2NO/2NC) 4kW 10A AC3, 230VAC coil*
MC10N-S-00-40110AC	4P Open 4kW 10A AC3, 110VAC coil*
MC10N-S-00-40230AC	4P Open 4kW 10A AC3, 230VAC coil*
MC10N-S-00-4024AC	4P Open 4kW 10A AC3, 24VAC coil*
MC10N-S-0031110AC	4P (3NO+1NC) 4kW 10A AC3, 110VAC coil*
MC10N-S-01110AC	3P Open 4kW 10A AC3, 1NC Aux, 110VAC coil*
MC10N-S-01230AC	3P Open 4kW 10A AC3, 1NC Aux, 230VAC coil*
MC10N-S-0124AC	3P Open 4kW 10A AC3, 1NC Aux, 24VAC coil*
MC10N-S-0124DC	3P Open 4kW 10A AC3, 1NC Aux, 24VDC coil*
MC10N-S-01400AC	3P Open 4kW 10A AC3, 1NC Aux, 400VAC coil*
MC10N-S-10110AC	3P Open 4kW 10A AC3, 1NO Aux, 110VAC coil*
MC10N-S-10230AC	3P Open 4kW 10A AC3, 1NO Aux, 230VAC coil*
MC10N-S-1024AC	3P Open 4kW 10A AC3, 1NO Aux, 24VAC coil*
MC10N-S-1024DC	3P Open 4kW 10A AC3, 1NO Aux, 24VDC coil*
MC10N-S-10400AC	3P Open 4kW 10A AC3, 1NO Aux, 400VAC coil*

* Overload = MCOR-1... or U12/16E...-MC

7.5kW 18A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC18N-S-00-0424DC	4P Closed 7.5kW 18A AC3, 24VDC coil*
MC18N-S-00-04110AC	4P Closed 7.5kW 18A AC3, 110VAC coil*
MC18N-S-00-22110AC	4P (2NO/2NC) 7.5kW 18A AC3, 110VAC coil
MC18N-S-00-22230AC	4P (2NO/2NC) 7.5kW 18A AC3, 230VAC coil
MC18N-S-00-4024AC	4P Open 7.5kW 18A AC3, 24VAC coil*
MC18N-S-00-4024DC	4P Open 7.5kW 18A AC3, 24VDC coil*
MC18N-S-00-40110AC	4P Open 7.5kW 18A AC3, 110VAC coil*
MC18N-S-00-40230AC	4P Open 7.5kW 18A AC3, 230VAC coil*
MC18N-S-00-40400AC	4P Open 7.5kW 18A AC3, 400VAC coil*
MC18N-S-01110AC	3P Open 7.5kW 18A AC3, 1NC Aux, 110VAC coil*
MC18N-S-01230AC	3P Open 7.5kW 18A AC3, 1NC Aux, 230VAC coil*
MC18N-S-0124AC	3P Open 7.5kW 18A AC3, 1NC Aux, 24VAC coil*
MC18N-S-0124DC	3P Open 7.5kW 18A AC3, 1NC Aux, 24VDC coil*
MC18N-S-01400AC	3P Open 7.5kW 18A AC3, 1NC Aux, 400VAC coil*
MC18N-S-10110AC	3P Open 7.5kW 18A AC3, 1NO Aux, 110VAC coil*
MC18N-S-10230AC	3P Open 7.5kW 18A AC3, 1NO Aux, 230VAC coil*
MC18N-S-1024AC	3P Open 7.5kW 18A AC3, 1NO Aux, 24VAC coil*
MC18N-S-1024DC	3P Open 7.5kW 18A AC3, 1NO Aux, 24VDC coil*
MC18N-S-10400AC	3P Open 7.5Kw 18A AC3, 1NO Aux, 400VAC coil*

* Overload = MCOR-1... or U12/16E...-MC

5.5kW 14A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC14N-S-00-04400AC	4P Closed 5.5kW 14A AC3, 400VAC coil*
MC14N-S-00-22230AC	4P (2NO/2NC) 5.5kW 14A AC3, 230VAC coil
MC14N-S-00-4024AC	4P Open 5.5kW 14A AC3, 24VAC coil*
MC14N-S-00-40230AC	4P Open 5.5kW 14A AC3, 230VAC coil*
MC14N-S-01110AC	3P Open 5.5kW 14A AC3, 1NC Aux, 110VAC coil*
MC14N-S-01230AC	3P Open 5.5kW 14A AC3, 1NC Aux, 230VAC coil*
MC14N-S-0124AC	3P Open 5.5kW 14A AC3, 1NC Aux, 24VAC coil*
MC14N-S-0124DC	3P Open 5.5kW 14A AC3, 1NC Aux, 24VDC coil*
MC14N-S-10110AC	3P Open 5.5kW 14A AC3, 1NO Aux, 110VAC coil*
MC14N-S-10230AC	3P Open 5.5kW 14A AC3, 1NO Aux, 230VAC coil*
MC14N-S-1024AC	3P Open 5.5kW 14A AC3, 1NO Aux, 24VAC coil*
MC14N-S-1024DC	3P Open 5.5kW 14A AC3, 1NO Aux, 24VDC coil*
MC14N-S-10400AC	3P Open 5.5kW 14A AC3, 1NO Aux, 400VAC coil*

* Overload = MCOR-1... or U12/16E...-MC

11kW 22A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC22N-S-00-4024AC	4P Open 11kW 22A AC3, 24VAC coil*
MC22N-S-00-4024DC	4P Open 11kW 22A AC3, 24VDC coil*
MC22N-S-00-40110AC	4P Open 11kW 22A AC3, 110VAC coil*
MC22N-S-00-40230AC	4P Open 11kW 22A AC3, 230VAC coil*
MC22N-S-00-40400AC	4P Open 11kW 22A AC3, 400VAC coil*
MC22N-S-01230AC	3P Open 11kW 22A AC3, 1NC Aux, 230VAC coil*
MC22N-S-10110AC	3P Open 11kW 22A AC3, 1NO Aux, 110VAC coil*
MC22N-S-10230AC	3P Open 11kW 22A AC3, 1NO Aux, 230VAC coil*
MC22N-S-1024AC	3P Open 11kW 22A AC3, 1NO Aux, 24VAC coil*
MC22N-S-1024DC	3P Open 11kW 22A AC3, 1NO Aux, 24VDC coil*
MC22N-S-10400AC	3P Open 11kW 22A AC3, 1NO Aux, 400VAC coil*

* Overload = MCOR-1... or U12/16E...-MC



IMO STARLINE CATALOGUE

11kW 24A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC24N-S-00-0424AC	4P Closed 11kW 24A AC3, 24VAC coil*
MC24N-S-00-0424DC	4P Closed 11kW 24A AC3, 24VDC coil*
MC24N-S-00-04230AC	4P Closed 11kW 24A AC3, 230VAC coil*
MC24N-S-00-04400AC	4P Closed 11kW 24A AC3, 400VAC coil*
MC24N-S-00-2224AC	4P (2NO/2NC) 11kW 24A AC3, 24VAC coil
MC24N-S-00-2224DC	4P (2NO/2NC) 11kW 24A AC3, 24VDC coil
MC24N-S-00-22230AC	4P (2NO/2NC) 11kW 24A AC3, 230VAC coil
MC24N-S-00-22400AC	4P (2NO/2NC) 11kW 24A AC3, 400VAC coil
MC24N-S-00-4024AC	4P Open 11kW 24A AC3, 24VAC coil*
MC24N-S-00-4024DC	4P Open 11kW 24A AC3, 24VDC coil*
MC24N-S-00-40230AC	4P Open 11kW 24A AC3, 230VAC coil*
MC24N-S-00-40400AC	4P Open 11kW 24A AC3, 400VAC coil*
MC24-S-00110	3P Open 11kW 24A AC3, 110VAC coil*
MC24-S-00230	3P Open 11kW 24A AC3, 230VAC coil*
MC24-S-0024	3P Open 11kW 24A AC3, 24VAC coil*
MC24-S-00400	3P Open 11kW 24A AC3, 400VAC coil*
MC24-S-00=24	3P Open 11kW 24A AC3, 24VDC coil*

* Overload = MCOR-1... or MCOR-2...

18.5kW 40A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC40N-S-00-0424AC	4P Closed 18.5kW 40A AC3, 24VAC coil*
MC40N-S-00-0424DC	4P Closed 18.5kW 40A AC3, 24VDC coil*
MC40N-S-00-04230AC	4P Closed 18.5kW 40A AC3, 230VAC coil*
MC40N-S-00-04400AC	4P Closed 18.5kW 40A AC3, 400VAC coil*
MC40N-S-00-2224AC	4P (2NO/2NC) 18.5kW 40A AC3, 24VAC coil
MC40N-S-00-2224DC	4P (2NO/2NC) 18.5kW 40A AC3, 24VDC coil
MC40N-S-00-22230AC	4P (2NO/2NC) 18.5kW 40A AC3, 230VAC coil
MC40N-S-00-22400AC	4P (2NO/2NC) 18.5kW 40A AC3, 400VAC coil
MC40N-S-00-4024AC	4P Open 18.5kW 40A AC3, 24VAC coil*
MC40N-S-00-4024DC	4P Open 18.5kW 40A AC3, 24VDC coil*
MC40N-S-00-40230AC	4P Open 18.5kW 40A AC3, 230VAC coil*
MC40N-S-00-40400AC	4P Open 18.5kW 40A AC3, 400VAC coil*
MC40-S-00110	3P Open 18.5kW 40A AC3, 110VAC coil*
MC40-S-00230	3P Open 18.5kW 40A AC3, 230VAC coil*
MC40-S-0024	3P Open 18.5kW 40A AC3, 24VAC coil*
MC40-S-00400	3P Open 18.5kW 40A AC3, 400VAC coil*
MC40-S-00=24	3P Open 18.5kW 40A AC3, 24VDC coil*

* Overload = MCOR-2...

15kW 32A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC32N-S-00-4024AC	4P Open 15kW 32A AC3, 24VAC coil*
MC32N-S-00-4024DC	4P Open 15kW 32A AC3, 24VDC coil*
MC32N-S-00-40230AC	4P Open 15kW 32A AC3, 230VAC coil*
MC32N-S-00-40400AC	4P Open 15kW 32A AC3, 400VAC coil*
MC32N-S-00-2224AC	4P (2NO/2NC) 15kW 32A AC3, 24VAC coil
MC32N-S-00-2224DC	4P (2NO/2NC) 15kW 32A AC3, 24VDC coil
MC32N-S-00-22230AC	4P (2NO/2NC) 15kW 32A AC3, 230VAC coil
MC32N-S-00-22400AC	4P (2NO/2NC) 15kW 32A AC3, 400VAC coil
MC32N-S-00-0424AC	4P Closed 15kW 32A AC3, 24VAC coil*
MC32N-S-00-0424DC	4P Closed 15kW 32A AC3, 24VDC coil*
MC32N-S-00-04230AC	4P Closed 15kW 32A AC3, 230VAC coil*
MC32N-S-00-04400AC	4P Closed 15kW 32A AC3, 400VAC coil*
MC32-S-00110	3P Open 15kW 32A AC3, 110VAC coil*
MC32-S-00230	3P Open 15kW 32A AC3, 230VAC coil*
MC32-S-0024	3P Open 15kW 32A AC3, 24VAC coil*
MC32-S-00400	3P Open 15kW 32A AC3, 400VAC coil*
MC32-S-00=24	3P Open 15kW 32A AC3, 24VDC coil*

* Overload = MCOR-1... or MCOR-2...

22kW 50A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC50N-S-00-4024AC	4P Open 22kW 50A AC3, 24VAC coil*
MC50N-S-00-4024DC	4P Open 22kW 50A AC3, 24VDC coil*
MC50N-S-00-40110AC	4P Open 22kW 50A AC3, 110VAC coil*
MC50N-S-00-40230AC	4P Open 22kW 50A AC3, 230VAC coil*
MC50N-S-00-40400AC	4P Open 22kW 50A AC3, 400VAC coil*
MC50-S-00110	3P Open 22kW 50A AC3, 110VAC coil*
MC50-S-00230	3P Open 22kW 50A AC3, 230VAC coil*
MC50-S-0024	3P Open 22kW 50A AC3, 24VAC coil*
MC50-S-00=24	3P Open 22kW 50A AC3, 24VDC coil*

* Overload = MCOR-3...

30kW 62A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC62N-S-00-4024AC	4P Open 30kW 62A AC3, 24VAC coil*
MC62N-S-00-4024DC	4P Open 30kW 62A AC3, 24VDC coil*
MC62N-S-00-40230AC	4P Open 30kW 62A AC3, 230VAC coil*
MC62N-S-00-40400AC	4P Open 30kW 62A AC3, 400VAC coil*
MC62-S-00110	3P Open 30kW 62A AC3, 110VAC coil*
MC62-S-00230	3P Open 30kW 62A AC3, 230VAC coil*
MC62-S-0024	3P Open 30kW 62A AC3, 24VAC coil*
MC62-S-00400	3P Open 30kW 62A AC3, 400VAC coil*
MC62-S-00=24	3P Open 30kW 62A AC3, 24VDC coil*

* Overload = MCOR-3...

37kW 74A AC3 Contactor



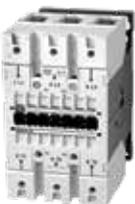
Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC74N-S-00-4024AC	4P Open 37kW 74A AC3, 24VAC coil*
MC74N-S-00-4024DC	4P Open 37kW 74A AC3, 24VDC coil*
MC74N-S-00-40230AC	4P Open 37kW 74A AC3, 230VAC coil*
MC74N-S-00-40400AC	4P Open 37kW 74A AC3, 400VAC coil*
MC74-S-00110	3P Open 37kW 74A AC3, 110VAC coil*
MC74-S-00230	3P Open 37kW 74A AC3, 230VAC coil*
MC74-S-00400	3P Open 37kW 74A AC3, 400VAC coil*

* Overload = MCOR-3...

45kW 90A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC90-S-00110	3P Open 45kW 90A AC3, 110-120V 110VAC coil*
MC90-S-00230	3P Open 45kW 90A AC3, 220-240V 220VDC coil*

* Overload = MCOR-4...

55kW 115A AC3 Contactor



Coil connection top & bottom
Bifurcated aux. contacts
Easy coil swap



Part Number	Description
MC115-S-00110	3P Open 55kW 115A AC3, 110-120V 110VAC coil*
MC115-S-00230	3P Open 55kW 115A AC3, 220-240V 230VDC coil*

* Overload = MCOR-4...

Capacitor Switching Contactor



For reactive or non-reactive
capacitor banks



Part Number	Description
MC18N-K-10400AC	12.5kVar 1N0 Aux. 400VAC coil
MC32-K-00110	25kVar 110VAC coil
MC32-K-00230	25kVar 230VAC coil
MC32-K-00400	25kVar 400VAC coil
MC50-K-00400	33.3kVar 400VAC coil
MC62-K-00110	50kVar 110VAC coil
MC62-K-00230	50kVar 230VAC coil
MC62-K-00400	50kVar 400VAC coil
MC74-K-00230	75kVar 230VAC coil
MC74-K-00400	75kVar 400VAC coil
MC115-K-00230	100kVar 230VAC coil 50/60Hz

AC3 DC Operated Contactor



Low power consumption
3W inrush-sealed



Part Number	Description
MCD10-S-00-4024DC	4P Open 4kW 10A 24VDC coil
MCD10-S-10=24	3P Open 4kW 10A 1N0 Aux, 24VDC coil
MCD14-S-10=24	3P Open 5.5kW 14A 1N0 Aux, 24VDC coil
MCD18-S-10=24	3P Open 7.5kW 18A 1N0 Aux, 24VDC coil
MCD22-S-10=24	3P Open 11kW 22A 1N0 Aux, 24VDC coil
MCD32-S-00=24	3P Open 15kW 24VDC coil
MCD40-S-00=24	3P Open 18.5kW 24VDC coil



IMO STARLINE CATALOGUE

PRICING GROUP

115

Contact Blocks, Interlocks, Coils & Thermal Overload Relays

Auxiliary components & accessories to complement IMO contactors



Contact Blocks & Interlocks



Part Number	Description
MBA-11	Aux. Contact Block for MB Contactors 1NO/1NC
MBA-22	Aux. Contact Block for MB09 / 12... 2NO/2NC
MCA01	Aux. Contact Block for MC10 to 115 1NC Top Mount
MCA01U	Aux. Contact Block for MC10 to 115 1NC Late Break
MCA10	Aux. Contact Block for MC10 to 115 1NO Top Mount
MCA10U	Aux. Contact Block for MC10 to 115 1NO Late Break
MCAA11	Aux. Contact Block for MC151 to 316 1NO/1NC Side
MCAH01	High Switching Capacity 25A AC1 1NC Top Mount
MCAH10	High Switching Capacity 25A AC1 1NO Top Mount
MCAS-11	Aux. Contact Block for MC24 to 115 1NO/1NC Side
MC-I-W	Interlock for MC(D)10 to MC(D)40 Contactors
MC-I-X	Interlock for MC50 to MC74 Contactors
MC-I-Y	Interlock for MC90 & MC115 Contactor

MC10 to MC22 Coils



Part Number	Description
K10N/4.110	Coil 110-115V 50/60Hz
K10N/4.230	Coil 220-240V 50Hz / 230-264V 60Hz
K10N/4.24	Coil 24V 50/60Hz
K10N/4.400	Coil 380-415V 50Hz / 400-440V 60Hz

Accessories



Part Number	Description
MA-P1039	MA Snap-on Adaptor for 35mm DIN Rail
MCNW-VB10	Reversing Starter Connector for MCN10/18
MCY-C-40	Star Delta Load Circuit Connection Links MC24-40
U12SM-MC	DIN Rail Mounting Kit for U12/16E...-MC Overloads
U3/325M	Overload Terminal Set for MCOR-1-... Overloads
U3/42G	DIN Mounting Bracket for MCOR-2
Y9A415	Timer for Star-Delta Starters 1-20s 110-415VAC
Y9A60	Timer for Star-Delta Starters 1-20s 24-60VAC

Thermal Overload Relays



Part Number	Description
U12/16E0.9-MC	Man.Reset for MC10 to MC22 0.6-0.9Amps
U12/16E1.2-MC	Man.Reset for MC10 to MC22 0.8-1.2Amps
U12/16E1.8-MC	Man.Reset for MC10 to MC22 1.2-1.8Amps
U12/16E2.7-MC	Man.Reset for MC10 to MC22 1.8-2.7Amps
U12/16E4-MC	Man.Reset for MC10 to MC22 2.7-4Amps
U12/16E6-MC	Man.Reset for MC10 to MC22 4-6Amps
U12/16E9-MC	Man.Reset for MC10 to MC22 6-9Amps
U12/16E11-MC	Man.Reset for MC10 to MC22 8-11Amps
U12/16E14-MC	Man.Reset for MC10 to MC22 10-14Amps
U12/16E18-MC	Man.Reset for MC10 to MC22 13-18Amps
U12/16E23-MC	Man.Reset for MC10 to MC22 17-23Amps
U12/16E30-MC	Man.Reset for MC10 to MC22 22-30Amps
MCOR-1-0.18	Overload for MC10 to MC22 0.12-0.18Amps
MCOR-1-0.27	Overload for MC10 to MC22 0.18-0.27Amps
MCOR-1-0.4	Overload for MC10 to MC22 0.27-0.4Amps
MCOR-1-0.6	Overload for MC10 to MC22 0.4-0.6Amps
MCOR-1-0.9	Overload for MC10 to MC22 0.6-0.9Amps
MCOR-1-1.2	Overload for MC10 to MC22 0.8-1.2Amps
MCOR-1-1.8	Overload for MC10 to MC22 1.2-1.8Amps
MCOR-1-2.7	Overload for MC10 to MC22 1.8-2.7Amps
MCOR-1-4	Overload for MC10 to MC22 2.7-4Amps
MCOR-1-6	Overload for MC10 to MC22 4-6Amps
MCOR-1-9	Overload for MC10 to MC22 6-9Amps
MCOR-1-11	Overload for MC10 to MC22 8-11Amps
MCOR-1-14	Overload for MC10 to MC22 10-14Amps
MCOR-1-18	Overload for MC10 to MC22 13-18Amps
MCOR-1-24	Overload for MC10 to MC22 17-24Amps
MCOR-1-32	Overload for MC10 to MC22 23-32Amps
MCOR-2-14	Overload for MC24 to MC40 10-14Amps
MCOR-2-20	Overload for MC24 to MC40 14-20Amps
MCOR-2-28	Overload for MC24 to MC40 20-28Amps
MCOR-2-42	Overload for MC24 to MC40 28-42Amps
MCOR-3-28	Overload for MC50 to MC74 20-28Amps
MCOR-3-42	Overload for MC50 to MC74 28-42Amps
MCOR-3-52	Overload for MC50 to MC74 40-52Amps
MCOR-3-65	Overload for MC50 to MC74 52-65Amps
MCOR-3-74	Overload for MC50 to MC74 60-74Amps
MCOR-4-120	Overload for MC90 to MC115 80-120Amps

PRICING GROUP
115

Modular Heating & Lighting Contactors

Suitable for control of lamps, heating, air-conditioning & motor control



20A AC1 AC Coil Single Module



Part Number	Description
<i>Standard Modular Contactor</i>	
HC20-02230	2 Pole NC 230V
HC20-0224	2 Pole NC 24V
HC20-20230	2 Pole NO 230V
HC20-2024	2 Pole NO 24V
HC20-11230	1 Pole NO + 1 Pole NC 230V
<i>Hum-Free Modular Contactor</i>	
HC20-02230VS	Hum-Free 2 Pole NC 230V
HC20-0224VS	Hum-Free 2 Pole NC 24V
HC20-20230VS	Hum-Free 2 Pole NO 230V
HC20-2024VS	Hum-Free 2 Pole NO 24V
HC20-10230VS	Hum-Free 1 Pole NO 230V
HC20-11230VS	Hum-Free 1 Pole NO + 1 Pole NC 230V
HC20-1024VS	Hum-Free 1 Pole NO 24V
HC20-1124VS	Hum-Free 1 Pole NO + 1 Pole NC 24V

NEW

25A AC1 AC Coil Double Module



Part Number	Description
<i>Standard Modular Contactor</i>	
HC25-04230	4 Pole NC 230V
HC25-0424	4 Pole NC 24V
HC25-40230	4 Pole NO 230V
HC25-4024	4 Pole NO 24V
<i>Hum-Free Modular Contactor</i>	
HC25-0224VS	Hum-Free 2 Pole NC 24V
HC25-2024VS	Hum-Free 2 Pole NO 24V
HC25-02230VS	Hum-Free 2 Pole NC 230V
HC25-20230VS	Hum-Free 2 Pole NO 230V
HC25-1124VS	Hum-Free 1 Pole NO + 1 Pole NC 24V
HC25-11230VS	Hum-Free 1 Pole NO + 1 Pole NC 230V
HC25-1324VS	Hum-Free 1 Pole NO + 3 Pole NC 24V
HC25-13230VS	Hum-Free 1 Pole NO + 3 Pole NC 230V
HC25-31230VS	Hum-Free 3 Pole NO + 1 Pole NC 230V
HC25-3124VS	Hum-Free 3 Pole NO + 1 Pole NC 24V
HC25-2224VS	Hum-Free 2 Pole NO + 2 Pole NC 24V
HC25-22230VS	Hum-Free 2 Pole NO + 2 Pole NC 230V
HC25-0424VS	Hum-Free 4 Pole NC 24V
HC25-4024VS	Hum-Free 4 Pole NO 24V
HC25-40230VS	Hum-Free 4 Pole NO 230V

NEW

NOTE: Other variations of NO & NC Poles available. Please contact IMO.

40A AC1 AC Coil Triple Module



Part Number	Description
HC40-04230	4 Pole NC 230V
HC40-40230	4 Pole NO 230V
HC40-22230	2 Pole NO + 2 Pole NC 230V
HC40-20230	2 Pole NO 230V

NOTE: Other variations of NO & NC Poles available. Please contact IMO.

63A AC1 AC Coil Triple Module



Part Number	Description
HC63-40230	4 Pole NO 230V
HC63-20230	2 Pole NO 230V

NOTE: Other variations of NO & NC Poles available. Please contact IMO.

IMO manufacture a range of options suitable for use with the Modular Heating & Lighting series including Auxiliary Contact Blocks, Spacers, RC Unit and Sealing Covers



IMO EV Charging Components Range



No matter whether you are an EV Installer looking for a simple one-stop solution for a domestic installation, or an EV Charging Manufacturer looking to source components to make your offering more competitive, IMO has the EV Charging components for you.

For more information about our EV Charging offering, please call +44 (0)1707 414 444 or email sales@imopc.com

MCBs

Miniature Circuit Breakers protect from over-current and short circuit situations to safeguard assets from risk of damage from overheating and fire.

In accordance with IEC 60898-1.



RCBOs

Residual Current Circuit Breakers with Overcurrent Protection combine the functions of an MCB and RCD to provide all-round protection in a compact package.

In accordance with IEC 60898-1.



RCDs

Residual Current Devices protect personnel from contact with live or damaged wires and components by disconnecting power when an earth leakage current is detected. Standard A and Type B available.



AC/DC Isolators

IMOs AC & DC Isolators offer robust, lockable power isolation for safe and controlled maintenance and repair activities.

IMO Isolators carry UL safety approvals.



Contactors

IMO's range of Modular Contactors offer control and switching of charging current flow. High reliability for faultless switching.

Full range of accessories and options available including PCB mounting.



Power Supplies

IMO's range of UL approved modular power supplies offer high efficiency, universal input and IMO's 3 year warranty.



Branch Isolators

Of modular design, IMO branch isolators are robust and offer power isolation, mounted on a DIN rail.



For the complete range of
EV Charging Products
go to www.imopc.com
and download the catalogue



Specifically For EV Installers

At IMO we see the future in EV. That's why we have an extensive range of products for EV installers from small domestic installations to multiple charger commercial installations. From the latest technology RCD's specifically designed for use in EV applications to class leading surge protection devices, IMO has the solution for your installation.

It is important to select the right products for your EV charger installation and IMO have products suitable for all models of EV chargers, from all manufacturers. EV market regulations are developing rapidly and if you are unsure of what device to use, please get in touch with one of our technical team today.

Type B RCDs

Suitable for all EV charger installations, a Type B RCD must be used on EV charger installations where the charger does not have internal DC fault protection. If in doubt, fitting a Type B RCD will cover all charger types regardless of any fault detection built in. All IMO Type B RCD's are supplied in accordance with IEC 61008-1 & IEC 62423.



Available Parts

Part Number	Description
B10R2040-30-B	Type B RCD, 10kA, 30mA, 1P+N, 40A 230VAC
B10R2040-30-B3	3 Module Type B RCD, 10kA, 30mA, 1P+N, 40A 230VAC
B10R4040-30-B	Type B RCD, 10kA, 30mA, 3P+N, 40A 415VAC
B10R2063-30-B	Type B RCD, 10kA, 30mA, 1P+N, 63A 230VAC
B10R4063-30-B	Type B RCD, 10kA, 30mA, 3P+N, 63A 415VAC

Type A RCBOs

Residual Current Circuit Breakers with Overcurrent Protection combine the functions of an MCB and RCD to provide all-round protection in a compact package. Suitable for use with charge points that have internal DC fault detection built in. Supplied in accordance with IEC 60898-1.



Available Parts

Part Number	Description
B6CR1N40-30-A	Type A RCBO, C Curve, 1 Pole+N, 40A, 10kA, 30mA

MCBs

Miniature Circuit Breakers protect from over-current and short circuit situations to safeguard charger installations and users. MCB's should always be used alongside an RCD.

Supplied in accordance with IEC 60898-1.



Available Parts

Part Number	Description
BR6B1040A	MCB, B Curve, 1 Pole, 40A, 6kA
BR6B1063A	MCB, B Curve, 1 Pole, 63A, 6kA
B10C1040A	MCB, C Curve, 1 Pole, 40A, 10kA
B10C1063A	MCB, C Curve, 1 Pole, 63A, 10kA

Surge Protection Devices

Surge protection devices offer additional protection against transient overvoltages that can damage electrical devices. IMO's range of SPD's come with a plug-in replacement cartridge system. Suitable for all installation types.



Available Parts

Part Number	Description
SPD5-401N	Compact 1P+NPE, IMAX 40kA, 275VAC
SPD2-201N	Standard 1P+NPE, IMAX 20kA, 275VAC
SPD2-401N	Standard 1P+NPE, IMAX 40kA, 275VAC
SPD4-203N	Standard 3P+NPE, IMAX 20kA, 275VAC
SPD4-403N	Standard 3P+NPE, IMAX 40kA, 275VAC

Enclosures

Complete range of metal enclosures for integration with EV wall charger units. Saving space by keeping the additional RCD external to the consumer unit.



Available Parts

Part Number	Description
DBM2-02W	Mini Enclosure, 2 Way, 146x80x90mm
DBM2-04W	Std Enclosure, 4 Way, 235x140x115mm
DBM2-04W-NL	Same as DBM2-04W above with Neutral Link
DBM2-04WM	Slim Enclosure, 4 Way, 175x110x71.5mm



IMO STARLINE CATALOGUE

PRICING GROUP

115

Motor Circuit Breakers C4 & Accessories



C4/32R with Rotary Switch



Manufactured in accordance with
IEC 60947-1,
IEC 60947-2 &
IEC 60947-4-1



Part Number	Description
C4/32R-0,16	Setting Range 0.1-0.16A IRC* 2.1A
C4/32R-0,25	Setting Range 0.16-0.25A IRC* 3.3A
C4/32R-0,4	Setting Range 0.25-0.4A IRC* 5.2A
C4/32R-0,63	Setting Range 0.4-0.63A IRC* 8.2A
C4/32R-1	Setting Range 0.63-1.0A IRC* 13A
C4/32R-1,6	Setting Range 1.0-1.6A IRC* 20.8A
C4/32R-2,5	Setting Range 1.6-2.5A IRC* 32.5A
C4/32R-4	Setting Range 2.5-4.0A IRC* 52A
C4/32R-6	Setting Range 4.0-6.0A IRC* 78A
C4/32R-8	Setting Range 5.0-8.0A IRC* 104A
C4/32R-10	Setting Range 6.0-10.0A IRC* 130A
C4/32R-13	Setting Range 9.0-13.0A IRC* 169A
C4/32R-17	Setting Range 11.0-17.0A IRC* 221A
C4/32R-22	Setting Range 14.0-22.0A IRC* 286A
C4/32R-26	Setting Range 18.0-26.0A IRC* 338A
C4/32R-32	Setting Range 22.0-32.0A IRC* 416A

*IRC = Instantaneous Release Current

C4/32T with Toggle Switch



Manufactured in accordance with
IEC 60947-1,
IEC 60947-2 &
IEC 60947-4-1



Part Number	Description
C4/32T-0,16	Setting Range 0.16-0.25A IRC* 3.3A
C4/32T-0,63	Setting Range 0.4-0.63A IRC* 8.2A
C4/32T-1	Setting Range 0.63-1.0A IRC* 13A
C4/32T-1,6	Setting Range 1.0-1.6A IRC* 20.8A
C4/32T-2,5	Setting Range 1.6-2.5A IRC* 32.5A
C4/32T-4	Setting Range 2.5-4.0A IRC* 52A
C4/32T-6	Setting Range 4.0-6.0A IRC* 78A
C4/32T-8	Setting Range 5.0-8.0A IRC* 104A
C4/32T-10	Setting Range 6.0-10.0A IRC* 130A
C4/32T-13	Setting Range 9.0-13.0A IRC* 169A
C4/32T-17	Setting Range 11.0-17.0A IRC* 221A
C4/32T-22	Setting Range 14.0-22.0A IRC* 286A
C4/32T-26	Setting Range 18.0-26.0A IRC* 338A
C4/32T-32	Setting Range 22.0-32.0A IRC* 416A

*IRC = Instantaneous Release Current

C4/63R & 100R with Rotary Switch



Manufactured in accordance with
IEC 60947-1,
IEC 60947-2 &
IEC 60947-4-1



Part Number	Description
C4/63R-40	Setting Range 28.0-40.0A IRC* 520A
C4/63R-50	Setting Range 34.0-50.0A IRC* 650A
C4/63R-63	Setting Range 45.0-63.0A IRC* 819A
C4/100R-63	Setting Range 45.0-63.0A IRC* 819A
C4/100R-75	Setting Range 55.0-75.0A IRC* 975A
C4/100R-90	Setting Range 70.0-90.0A IRC* 1170A
C4/100R-100	Setting Range 80.0-100.0A IRC* 1300A

*IRC = Instantaneous Release Current

Motor Circuit Breaker Accessories



Part Number	Description
C43252	3 Phase Busbar Fork Type 63A 2 Way
C43253	3 Phase Busbar Fork Type 63A 3 Way
C43254	3 Phase Busbar Fork Type 63A 4 Way
C43255	3 Phase Busbar Fork Type 63A 5 Way
C432VK3	Link Module Connect to MC10 Contactor
C4HS11	Aux Contact Black Side Mount

PRICING GROUP
108

Industrial & Slimline Plug-In Power Relays



HY High Capacity Relays 1PNO



Solder Lug or Push On
1 Pole Normally Open



Part Number	Description
HY1A112DC	30 Amps 12VDC Coil Resistance 75Ω
HY1A124AC	30 Amps 24VAC Coil Resistance 300Ω
HY1A124DC	30 Amps 24VDC Coil Resistance 300Ω
HY1A1230AC	30 Amps 230VAC Coil Resistance 20800Ω

HY High Capacity Relays 2PNO



Solder Lug or Push On
2 Pole Normally Open



Part Number	Description
HY2A112DC	25 Amps 12VDC Coil Resistance 75Ω
HY2A124DC	25 Amps 24VDC Coil Resistance 300Ω
HY2A1230AC	25 Amps 230VAC Coil Resistance 20800Ω

QYE Relays 2PCO



Plug-In or PCB Mount
2 Pole Changeover



Part Number	Description
QYE21XN120AC	10 Amps 120VAC up to 1.8VA LED Plug-In
QYE21XN12AC	10 Amps 12VDC up to 1.8VA LED Plug-In
QYE21XN12DC	10 Amps 12VDC up to 1.1W LED Plug-In
QYE21XN240AC	10 Amps 240VAC up to 1.8VA LED Plug-In
QYE21XN24AC	10 Amps 24VAC up to 1.8VA LED Plug-In
QYE21XN24DC	10 Amps 24VDC up to 1.1W LED Plug-In
QYE21XX120AC	10 Amps 120VAC up to 1.8VA PCB Mount
QYE21XX12DC	10 Amps 12VDC up to 1.1W Plug-In
QYE21XX240AC	10 Amps 240VAC up to 1.8VA PCB Mount
QYE21XX24AC	10 Amps 24VAC up to 1.8VA PCB Mount
QYE21XX24DC	10 Amps 24VDC up to 1.1W Plug-In
QYE21XXF240AC	10 Amps 240VAC up to 1.8VA Plug-In
QYE21XXF24DC	10 Amps 24VDC up to 1.1W Plug-In
QYE22XX12DC	10 Amps 12VDC up to 1.1W PCB Mount
QYE22XX24DC	10 Amps 24VDC up to 1.1W PCB Mount

HYE Plug-In Relays 2/3/4PCO



Plug-In
2, 3 & 4 Pole Changeover



Part Number	Description
2 Pole Changeover Versions (2PCO)	
HYE21PN120AC	10 Amps 120VAC up to 1.8VA LED & Man.Test/Latch
HYE21PN12DC	10 Amps 12VDC up to 1.1W LED & Man.Test/Latch
HYE21PN240AC	10 Amps 240VAC up to 1.8VA LED & Man.Test/Latch
HYE21PN24AC	10 Amps 24VAC up to 1.8VA LED & Man.Test/Latch
HYE21PN24DC	10 Amps 24VDC up to 1.1W LED & Man.Test/Latch
HYE21XX12DC	10 Amps 12VDC up to 1.1W
HYE21XX240AC	10 Amps 240VAC up to 1.8VA
3 Pole Changeover Versions (3PCO)	
HYE31PN230AC	10 Amps 230VAC up to 1.8VA LED & Man.Test/Latch
HYE31PN24AC	10 Amps 24VAC up to 1.8VA LED & Man.Test/Latch
HYE31PN24DC	10 Amps 24VDC up to 1.1W LED & Man.Test/Latch
4 Pole Changeover Versions (4PCO)	
HYE41PN110DC	5 Amps 110VDC up to 1.1W LED & Man.Test/Latch
HYE41PN120AC	5 Amps 120VAC up to 1.8VA LED & Man.Test/Latch
HYE41PN12AC	5 Amps 12VAC up to 1.8VA LED & Man.Test/Latch
HYE41PN12DC	5 Amps 12VDC up to 1.1W LED & Man.Test/Latch
HYE41PN240AC	5 Amps 240VAC up to 1.8VA LED & Man.Test/Latch
HYE41PN24AC	5 Amps 24VAC up to 1.8VA LED & Man.Test/Latch
HYE41PN24DC	5 Amps 24VDC up to 1.1W LED & Man.Test/Latch
HYE41PN48AC	5 Amps 48VAC up to 1.8VA LED & Man.Test/Latch
HYE41PN48DC	5 Amps 48VDC up to 1.1W LED & Man.Test/Latch
HYE41PX12DC	5 Amps 12VDC up to 1.1W Manual Test/Latch
HYE41PX240AC	5 Amps 240VAC up to 1.8VA Manual Test/Latch
HYE41PX24DC	5 Amps 240VDC up to 1.1W Manual Test/Latch
HYE41XX120AC	5 Amps 120VAC up to 1.8VA
HYE41XX12DC	5 Amps 12VDC up to 1.1W
HYE41XX240AC	5 Amps 240VAC up to 1.8VA
HYE41XX24DC	5 Amps 24VDC up to 1.1W
HYE41XX48AC	5 Amps 48VAC up to 1.8VA
HYE42XX120AC	5 Amps 120VAC up to 1.8VA PCB Mount
HYE42XX240AC	5 Amps 240VAC up to 1.8VA PCB Mount
HYE42XX24AC	5 Amps 24VAC up to 1.8VA PCB Mount
HYE42XX24DC	5 Amps 24VDC up to 1.1W PCB Mount

Miniature High Power Relays



PCB Mount



Part Number	Description
SRRHN-1CN-SL-115VAC	SPCO 12 Amps 115VAC Coil Resistance 100Ω
SRRHN-2CT-SL-48VDC	DPCO 8 Amps 48VDC Coil Resistance 100Ω



IMO STARLINE CATALOGUE

RSE Relays 2PCO 8 Pins / 3PCO 11 Pins



Plug-In Mount
2 Pole Changeover / 3 Pole Changeover



Part Number	Description
2 Pole Changeover Versions (2PCO) - 8 Pins	
RSE2PN110AC	10 Amps 110VAC 1.5W LED & Man.Test/Latch
RSE2PN110DC	10 Amps 110VDC 2.7VA LED & Flag
RSE2PN12AC	10 Amps 12VAC 1.5W LED & Flag
RSE2PN12DC	10 Amps 12VDC 2.7VA LED & Flag
RSE2PN230AC	10 Amps 230VAC 1.5W LED & Man.Test/Latch
RSE2PN24AC	10 Amps 24VAC 1.5W LED & Flag
RSE2PN24DC	10 Amps 24VDC 2.7VA LED & Man.Test/Latch
RSE2PN48DC	10 Amps 48VDC 2.7VA LED & Flag
3 Pole Changeover Versions (3PCO) - 11 Pins	
RSE3PN110AC	5 Amps 110VAC 1.5W LED & Flag
RSE3PN110DC	5 Amps 110VDC 2.7VA LED & Flag
RSE3PN12AC	5 Amps 12VAC 1.5W LED & Flag
RSE3PN12DC	10 Amps 12VDC 2.7VA LED & Man.Test/Latch
RSE3PN230AC	10 Amps 230VAC 1.5W LED & Man.Test/Latch
RSE3PN24AC	5 Amps 24VAC 1.5W LED & Flag
RSE3PN24DC	10 Amps 24VDC 2.7VA LED & Man.Test/Latch
RSE3PN48DC	5 Amps 48VDC 2.7VA LED & Flag

ETS Slimline Plug-In Power Relays



6A Sealed Power Relays
Compatible with SRSI Sockets



Part Number	Description
ETS-1AN-SL-12VDC	6 Amps SPNO 12VDC AgNi
ETS-1AN-SL-24VDC	6 Amps SPNO 24VDC AgNi
ETS-1AN-SL-60VDC	6 Amps SPNO 60VDC AgNi
ETS-1CN-SL-5VDC	6 Amps SPCO 5VDC AgNi
ETS-1CN-SL-6VDC	6 Amps SPCO 6VDC AgNi
ETS-1CN-SL-9VDC	6 Amps SPCO 9VDC AgNi
ETS-1CN-SL-12VDC	6 Amps SPCO 12VDC AgNi
ETS-1CN-SL-24VDC	6 Amps SPCO 24VDC AgNi
ETS-1CN-SL-48VDC	6 Amps SPCO 48VDC AgNi
ETS-1CN-SL-60VDC	6 Amps SPCO 60VDC AgNi

HME Compact Interface Relays



Part Number	Description
AC Versions	
HME11PN24AC	1 Pole Changeover (CO) 12A 24VAC Test Latch LED
HME11PN110AC	1 Pole Changeover (CO) 12A 110VAC Test Latch LED
HME11PN230AC	1 Pole Changeover (CO) 12A 230VAC Test Latch LED
HME21PN24AC	2 Pole Changeover (CO) 8A 24VAC Test Latch LED
HME21PN230AC	2 Pole Changeover (CO) 8A 230VAC Test Latch LED
DC Versions	
HME11PN12DC	1 Pole Changeover (CO) 12A 12VDC Test Latch LED
HME11PN24DC	1 Pole Changeover (CO) 12A 24VDC Test Latch LED
HME21PN12DC	2 Pole Changeover (CO) 8A 12VDC Test Latch LED
HME21PNG12DC	2 Pole Changeover (CO) 8A 12VDC Test Latch LED with Gold Flash
HME21PN24DC	2 Pole Changeover (CO) 8A 24VDC Test Latch LED
HME21PNG24DC	2 Pole Changeover (CO) 8A 24VDC Test Latch LED with Gold Flash

PRICING GROUP
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Relay Sockets for Power Relays & Plug-In Modules



For ETS Slimline Plug-In Power Relays



Part Number	Description
SRSI-24AC/DC	For Use With ETS Relays 12-24VDC
SRSI-24DC	For Use With ETS Relay Coil 6-24VDC
SRSI-110AC/DC	For Use With ETS Relays 60VDC (Input 110-125V AC/DC)
SRSI-230AC/DC	For Use With ETS Relays 60VDC (Input 220-240V AC/DC)

For HME Series Compact Interface Relays



Part Number	Description
SRHME-S1	Relay Base For 1P HME Relay
SRHME-S	Relay Base For 2P HME Relay
PFHME-S1	Push Fit Relay Base For 1P HME Relay
PFHME-S	Push Fit Relay Base for 2P HME Relay

For HYE Series Power Relays



Part Number	Description
SRNE2-D	For HYE21 Relays T35 DIN/Panel Mount 8 Pins
SRNE2-S	For HYE21 Relays T35 DIN/Panel Mount 8 Pins
SRPE2-0	For HYE31 Relays PCB Terminal PCB Mount
SRNE3-C	For HYE31 Relays T35 DIN/Panel Mount 11 Pins
SRNE3-D	For HYE31 Relays T35 DIN/Panel Mount 11 Pins (with Module Slot)
SRNE4-C	For HYE41 Relays T35 DIN/Panel Mount 14 Pins
SRNE4-D	For HYE41 Relays T35 DIN/Panel Mount 14 Pins
SRNE4-S	For HYE41 Relays T35 DIN/Panel Mount 14 Pins
SRPE4-0	For HYE41 Relays Solder Terminal, Back-Mount

For RSE Series Power Relays



Part Number	Description
<i>8 Pin Version</i>	
SRPE8*	For RSE2 Relays T35 DIN/Panel Mount
SRRE8	For RSE2 Relays T35 DIN/Panel Mount
<i>11 Pin Version</i>	
SRPE11	For RSE3 Relays T35 DIN/Panel Mount (No Modules)
SRRE11	For RSE3 Relays T35 DIN/Panel Mount
SRRE11-M**	For RSE3 Relays T35 DIN/Panel Mount (for RPD Module)

For Miniature Power Relays



Part Number	Description
<i>5 Pin Version</i>	
SRSE1-0	For SRRHN Relay PCB Mount
SRNE3-S	For SRRHN Relay & Module T35 DIN Single
SRNE3-T	For SRRHN Relay & Module T35 DIN Twin
<i>8 Pin Version</i>	
SRSE2-0	For SRRHN Relay PCB Mount
SRNE5-S	For SRRHN Relay & Module T35 DIN Single
SRNE5-T	For SRRHN Relay & Module T35 DIN Twin

For QYE Series Power Relays



Part Number	Description
SRHE2-C	For QYE21 Relays T35 DIN/Panel Mount 8 Pins (No Modules)
SRPE2-0	For QYE21 PCB Terminal PCB Mount (No Modules)

Relay Socket Plug-In Modules



Part Number	Description
<i>For SRNE2-D/S, SRNE3-D, SRNE4-D/S, SRNE3-S/T, SRNE5-S/T</i>	
PDLME1	6-24 AC/DC Diode LED Resistor
PDLME3	110-230 AC/DC Diode LED Resistor
PDME1	6-230 VDC Diode -A1 to +A4
PDME2	6-230 VDC Diode +A1 to -A2
PLME1	6-24 VDC Diode LED Resistor
PLME1-R	6-24 VDC Diode LED Resistor
PVME2	115 VAC Varistor
<i>For SRR8-M, SRR11-M</i>	
RPDME1	6-220 VDC Diode -A1 to +A2

Slimline Power Relay Accessories



Part Number	Description
SRSI-CC/20BLACK	20-Way Cross Connector for SRSC/SRSI
SRSI-CC/20BLUE	20-Way Cross Connector for SRSC/SRSI
SRSI-CC/20RED	20-Way Cross Connector for SRSC/SRSI



IMO STARLINE CATALOGUE

PRICING GROUP

115

Cam Switches & Accessories

Off-On, Step, Changeover with Off, Changeover without Off Switches



OFF-ON Cam Switch 20A



Manufactured in accordance with IEC 60947-3
IP65 Rated
*Escutcheon Frame & Handle Not Included but available separately as accessories
Image for illustrative purposes only*



Part Number	Description
CS20A-A1	1 Pole 2 Position with Legend Plate
CS20A-A2	2 Pole 2 Position with Legend Plate
CS20A-A4	4 Pole 2 Position with Legend Plate
CS20A-A8	8 Pole 2 Position with Legend Plate

Changeover Switch with OFF 20A



Manufactured in accordance with IEC 60947-3
IP65 Rated
*Escutcheon Frame & Handle Not Included but available separately as accessories
Image for illustrative purposes only*



Part Number	Description
CS20A-U1	1 Pole 3 Position with Legend Plate
CS20A-U2	2 Pole 3 Position with Legend Plate
CS20A-U3	3 Pole 3 Position with Legend Plate
CS20A-U4	4 Pole 3 Position with Legend Plate
CS20A-U6	6 Pole 3 Position with Legend Plate

Step Cam Switch 20A



Manufactured in accordance with IEC 60947-3
IP65 Rated
*Escutcheon Frame & Handle Not Included but available separately as accessories
Image for illustrative purposes only*



Part Number	Description
CS20A-ST31	1 Pole 3 Position with Legend Plate
CS20A-ST33	3 Pole 3 Position with Legend Plate
CS20A-ST42	2 Pole 4 Position with Legend Plate
CS20A-ST45	5 Pole 4 Position with Legend Plate
CS20A-ST51	1 Pole 5 Position with Legend Plate
CS20A-ST52	2 Pole 5 Position with Legend Plate
CS20A-ST61	1 Pole 6 Position with Legend Plate

Changeover Switch without OFF 20A



Manufactured in accordance with IEC 60947-3
IP65 Rated
*Escutcheon Frame & Handle Not Included but available separately as accessories
Image for illustrative purposes only*



Part Number	Description
CS20A-W2	2 Pole 2 Position with Legend Plate
CS20A-W3	3 Pole 2 Position with Legend Plate
CS20A-W4	4 Pole 2 Position with Legend Plate
CS20A-W8	8 Pole 2 Position with Legend Plate

Cam Switch Accessories



Part Number	Description
RBK2	Cam Switch Handle Round Bezel Key
RB2	Cam Switch Handle Toggle Round Bezel
SPK2	Cam Switch Handle Escutcheon Plate Key
SP2	Cam Switch Handle Toggle Escutcheon Plate

PRICING GROUP
104

Unshrouded & Shrouded Foot Switches & Accessories

Including Joining Kits, Carrying Rods & Stabilizing Plates



UFS Unshrouded Foot Switches



3xPG13.5 Gland Entries
with all models



Part Number	Description
UFSBL0101	Without Safety Lever NO+NC Snap Action Black Cover GRP
UFSBL1101	Without Safety Lever NO+NC Snap Action Black Cover Gold Plated Contacts GRP
UFSRE0101	Without Safety Lever NO+NC Snap Action Red Cover GRP
UFSRE0321	With Pedal Actuator Lock NO+NC Slow Action BBM Red Cover GRP
UFSRE0701	Without Safety Lever 2NC Slow Action Red Cover

SFS Shrouded Foot Switches

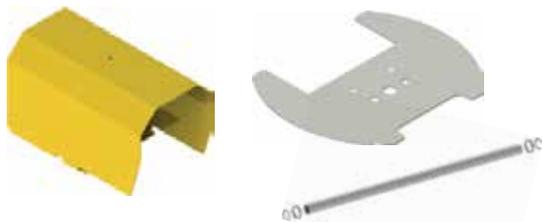


3xPG13.5 Gland Entries
with all models
M20 Option



Part Number	Description
SFSYE0101	Switch without Safety Lever NO+NC Snap Action GRP IP65
SFSYE0110-B	Switch with Safety Lever NO+NC Snap Action GRP VFKIT31 Hole
SFSYE0111	Switch with Safety Lever NO+NC Snap Action GRP IP65
SFSYE0111-B	Switch with Safety Lever NO+NC Snap Action GRP VFKIT31 Hole IP65
SFSYE0121	Switch with Safety Lever NO+NC Snap Action GRP IP65
SFSYE0311	Switch without Safety Lever NO+NC Slow Action GRP IP65
SFSYE1411-S1	Switch with Safety Lever 2NO Snap Action GRP IP65
SFSYE2041	Switch with Safety Lever Two Stage 2x(NO+NC) Snap Action GRP IP65

Accessories



Part Number	Description
AC-KIT20	Kit for Joining 2 Foot Switches
AC-KIT22	600mm Carrying Rod (use with AC-KIT20)
AC-KIT29	740mm Aluminium Rod (use with AC-KIT33)
AC-KIT30	Kit for Joining 2 Foot Switches (use with AC-KIT29)
AC-KIT31	660mm Carrying Rod (use with AC-KIT32/33)
AC-KIT32	Emergency Stop Station (use with AC-KIT29/31)
AC-KIT33	Emergency Stop Station (use with AC-KIT29)
AC-KIT40	400mm Double Carrying Rod (use with 3 Foot Switches joined by 2x AC-KIT20)
AC-KIT50	Metal Handle Kit (use with AC-KIT29/31)
AC-KIT60	Stabilizing Plate
AC-KIT61	Stabilizing Plate for 2x Joined Foot Switches
AC-KIT71	Metal Shroud

Contact Blocks



Glass Reinforced Polymer
Self-Extinguishing Shock Proof
Thermoplastic Housing to be used with
UFS & SFS Foot Switches



Part Number	Description
AC-C501	1NO+1NC Snap Action
AC-C502G	1NO+1NC Snap Action (Gold Plated Contact)
AC-C601	1NO+1NC Slow Action
AC-C1001	2NO Slow Action
AC-C1501	2NO Slow Action Shifted



IMO STARLINE CATALOGUE

PRICING GROUP

115

Motor Starters

Plastic enclosed DOL Starters & Star Delta Starters



Enclosed DOL Starter IP65



Plastic enclosure



Part Number	Description
DOL10230*	DOL 4kW 10A Start & Stop 230VAC
DOL10400*	DOL 4kW 10A Start & Stop 400VAC
DOL10110*	DOL 4kW 10A Start & Stop 110VAC
DOL18230*	DOL 7.5kW 18A Start & Stop 230VAC
DOL18400*	DOL 7.5kW 18A Start & Stop 400VAC
DOL18110*	DOL 7.5kW 18A Start & Stop 110VAC
DOL22110*	DOL 11kW 22A Start & Stop 110VAC
DOL22230*	DOL 11kW 22A Start & Stop 230VAC
DOL22400*	DOL 11kW 22A Start & Stop 400VAC

* Overload = U12/16E...-MC

Star Delta Starter



Part Number	Description
MC-YN15M24AC	Star Delta Starter 15kW 30A 24VAC
MC-YN15M24DC	Star Delta Starter 15kW 30A 24VDC
MC-YN15M110AC	Star Delta Starter 15kW 30A 110VAC
MC-YN15M230AC	Star Delta Starter 15kW 30A 230AC
MC-YN15M400AC	Star Delta Starter 15kW 30A 400VAC

NOTE: IMO Star Delta Starters are also available in 7.5kW (16A), 22kW (45A), 30kW (60A), 45kW (85A), 55kW (109A), 75kW (150A) and 110kW (205A).

PRICING GROUP

101

Timers & Voltage Monitoring Relays



DIN Rail Mountable Timers



Part Number	Description
TDM10	10 Function 24-230V AC/DC SPCO
TDAS	Asymmetrical 24-230V AC/DC SPCO
TDSD1	Star Delta 20-500ms 230-400VAC DPCO
TDFR	Forward Off Reverse 2P CO 10A, 0.1s-10d

Panel Mount Timers



Part Number	Description
TA11-A100-230AC	0.05s-60hr DPCO 5A 11 Pin Octal
TA11-A24AC/DC	0.05s-60hr DPCO 5A 11 Pin Octal
TAB-A100-230AC	0.05s-60hr DPCO 5A 8 Pin Octal
TAB-A24AC/DC	0.05s-60hr DPCO 5A 8 Pin Octal
TAB-DA100-230AC	0.1m-12m DPCO 5A 8 Pin Octal
TAB-SA100-230AC	0.05s-60hr SPCO 5A 8 Pin Octal
TAB-TA100-230AC	0.05s-60hr DPCO 5A 8 Pin Octal
TAB-DA24AC/DC	0.06s-12m DPCO 5A 8 Pin Octal
TAB-SA24AC/DC	0.05s-60hr SPCO Timed 5A 8 Pin Octal

Voltage Monitoring Relay



Microprocessor Based
Voltage Monitoring in 3-Phase Mains
Asymmetric, Phase Sequence & Phase Loss
Protection



Part Number	Description
PF-PR400	5A SPST Relay

PRICING GROUP
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Level Detection

DIN Rail Mountable Level Monitoring of Conductive Liquids



Fluid Level Monitoring Relay



On Delay & Off Delay
Multifunction
Width 36mm



Part Number	Description
WLC2-230AC	250VAC 10A 1250VA 115-230VAC Input

Probe for Level Monitoring



Fully Insulated
303 Quality Chrome Electrode with
Operating Temperatures Up To 80°C

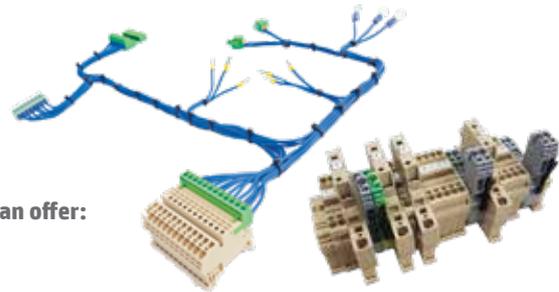


Part Number	Description
WLC2-PROBE	Polypropylene Insulated Probe Ø6mm



IMO Value Added Assembly Division will help you to:

- Reduce Your Stock Level
- Reduce Your Costs
- Ensure Quality
- Increase Productivity



Are you looking for a supplier for your assemblies who can offer:

- Access to a wide range of products
- An extended range of DIN rail terminals and accessories
- Relay and sockets, MCBs, power supplies, timers, contactors, signal interface units, and much more.
- Standard or custom marker solutions for DIN terminals
- Flexible packing facilities for individual or volume packing

IMO, through its Assembly Division can provide Value Added Assembly solutions built to customer specification whether you are looking for prototypes, one-off projects, or small to large volume requirements with regular deliveries. Whatever your requirement, IMO can offer you a solution.

As a world recognised manufacturer of electrical components, IMO have a wide range of connection, power, control and interface products readily available from stock and are always looking forward to the next challenge.

Your assembly can be as simple as two DIN terminals on a small piece of rail, to multiple products on DIN rail lengths up to 2m; and if required IMO have a range of standard enclosures which are available to accommodate your assembly, or we can design a custom solution with you.

Challenge us and tell us about your assembly needs and see what solution we can propose. To save time and money, call us today on **01707 414444** or email sales@imopc.com with your drawings, photos and specifications.



sales@imopc.com



01707 414 444

IMO STARLINE CATALOGUE

PRICING GROUP

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Push Buttons, Rotary Knobs, Pilot Lights & Accessories Including Pushbutton Enclosures, Lens Caps & Contact Blocks



Stop Push Buttons IP67



Part Number	Description
BS3P3RED-0	28mm Red with White "O" Twist Release Black Bezel
BC3P34RED-0	40mm Red with White "O" Twist Release Chrome Bezel
BS3P34RED-0	40mm Red with White "O" Twist Release Black Bezel
BS3P45RED	38mm Red Emergency Stop according to EN ISO 13850
BS3P4453	40mm Red Key Release Emergency Stop according to EN ISO 13850

Push Buttons IP67



Part Number	Description
BS3P14RED-0	Mushroom Head Push Button 40mm Red with White "O"
BS3DBLA-ARROW	Black with White Arrow Spring Return Black Bezel
B3DBLACK	Black Spring Return Aluminium Bezel
BS3DBLACK	Black Spring Return Black Bezel
B3DBLUE	Blue Spring Return Aluminium Bezel
BS3DBLUE	Blue Spring Return Black Bezel
BS3DGRE-I	Green Spring Return White/Black Bezel
BS3DGREEN	Green Spring Return Black Bezel
BS3DRED	Red Spring Return Black Bezel
B3DRED	Red Spring Return Aluminium Bezel
B3P1RED	28mm Red Spring Return Aluminium Bezel
BS3DYELLOW	Yellow Spring Return Black Bezel

Illuminated Buttons IP65/67



Part Number	Description
B3DLRED	Red Spring Return Aluminium Bezel IP67
B3DLGREEN	Green Spring Return Aluminium Bezel IP67
B3DLYELLOW	Yellow Spring Return Aluminium Bezel IP67
B3DLBLUE	Blue Spring Return Aluminium Bezel IP67
BS3KL2	2 Position Rotary Knob Black Bezel IP67
BS3DT-GRE/RED	Double Actuation Green/Red Black Bezel IP65
BC3DT-GRE/RED	Double Actuation Green/Red Chrome Bezel IP65
B3DT-GRE/RED	Double Actuation Green/Red Aluminium Bezel IP65

Rotary Knobs IP65



Part Number	Description
B3KN2	2 Position Maintained 60° Aluminium Bezel
BC3KN2	2 Position Maintained 60° Chrome Bezel
BS3KN2	2 Position Maintained 60° Black Bezel
B3KN3	3 Position Maintained 60° Aluminium Bezel
BS3KN3	3 Position Maintained 60° Black Bezel
BS3KN9	2 Position Maintained 120° Black Bezel
BS3KN10	2 Position Maintained 90° Black Bezel
B3SAR0	Key Operated 2 Position Maintained 60° Aluminium Bezel Removable In OFF
B3SAR1	Key Operated 2 Position Maintained 60° Aluminium Bezel Removable In ON
B3SAR01	Key Operated 2 Position Maintained 60° Aluminium Bezel Removable In OFF & ON
B3SAT0	Key Operated 2 Position Spring Return 60° Aluminium Bezel Removable In OFF
B3SARR0	Key Operated 3 Position Maintained 60° Aluminium Bezel Removable In OFF
B3SARR102	Key Operated 3 Position Maintained 60° Aluminium Bezel Removable In OFF & ON
B3SATTO	Key Operated 3 Position Spring Return 60° Aluminium Bezel Removable In OFF

NOTE: All Rotary Knobs are available with either Aluminium, Black or Chrome bezels. For different bezel finishes, the part number is affected as follows:-

B3KN2 - Aluminium Bezel
BS3KN2 - Black Bezel
BC3KN2 - Chrome Bezel

Contact Blocks



Part Number	Description
B3T01	1NC Clips onto B3S & B3M
B3T10	1NO Clips onto B3S & B3M
B4TU11	1NO & 1NC for BG Enclosures
B4TU10F	1NO with Lamp Holder for BG Enclosures
B4TU10	1NO for BG Enclosures
B4TU02	2NC for BG Enclosures
B4TU20	2NO for BG Enclosures
B3S*	Panel Mounting Collar

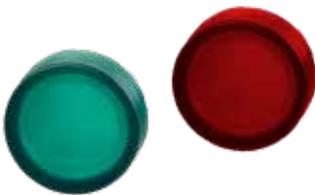
* Can also be used with LED Pilot Lights (overleaf).

LED Pilot Lights IP65



Part Number	Description
LMB-110-GREEN	Green 110VAC
LMB-110-RED	Red 110VAC
LMB-110-WHITE	White 110VAC
LMB-110-YELLOW	Yellow 110VAC
LMB-230-GREEN	Green 230VAC
LMB-230-RED	Red 230VAC
LMB-230-WHITE	White 230VAC
LMB-230-YELLOW	Yellow 230VAC
LMB-24-BLUE	Blue 24V AC/DC
LMB-24-GREEN	Green 24V AC/DC
LMB-24-RED	Red 24V AC/DC
LMB-24-WHITE	White 24V AC/DC
LMB-24-YELLOW	Yellow 24V AC/DC

Transparent Lens Caps IP67



Part Number	Description
B3RFGREEN	Green Lens Cap Fresnel Lens
B3RFRED	Red Lens Cap Fresnel Lens
B3RGREEN	Green Lens Cap
B3RRED	Red Lens Cap

LED & Filament Bulbs



For use with B3F Lamp Holders
(B39S Lamps)



Part Number	Description
B3-L110-GREEN	Green LED Lamp 110V AC
B3-L12-WHITE	White LED Lamp 12V AC
B3-L230-BLUE	Blue LED Lamp 230V AC
B3-L24A-RED	Red LED Lamp 24V AC/DC
LAMP110V	Filament Lamp 110V AC
LAMP12V	Filament Lamp 12V AC

NOTE: LED lamps are available in a selection of different colours including Yellow, Red, Blue, Green, Amber and White. See www.imopc.com for available colours.

Emergency Stop Stations



Part Number	Description
BG10P45-11	Emergency Stop Station 40mm Red with Yellow Face 1NO and 1NC Contacts IP67
BG10P34-01	Emergency Stop Station 40mm Twist To Release 1NC Contacts IP67
BG10P34-02	Emergency Stop Station 40mm Twist To Release 2NC Contacts IP67
BG10P34P-02	Emergency Stop Station 70mm Red Twist Release Yellow Enclosure Face 2NC Contacts IP67
BG10P34P-11	Emergency Stop Station 70mm Red Twist Release Yellow Enclosure Face 1NO & 1NC Contacts IP67
BG10P4453-11-SK	Fire Brigade Key Operated 40mm With Yellow Shroud 1NO & 1NC

Push Button Enclosures



Part Number	Description
BG1	Grey Enclosure 1 Hole
BG1YEL	Grey with Yellow Front Enclosure 1 Hole
BG2	Grey Enclosure 2 Holes
BG3	Grey Enclosure 3 Holes

Push Button Accessories



Part Number	Description
B3-SK-YELLOW	Shroud 40mm Max. Button Diameter
J7049	Pushbutton Collar Tightening Tool
B3-7603-2	E Stop Legend Plate
B4-R455	Spare Key
B3S	Push Button Collar for B3T/F Products
B3M	Push Button Panel Mount Collar
B3F	Lamp Holder for Push Buttons

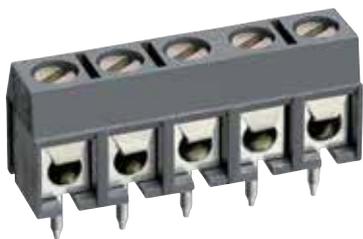


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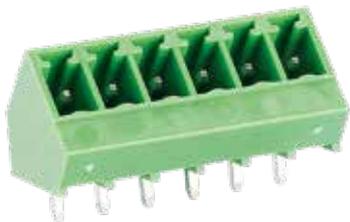
PCB Terminal Block Range

Standard Type, Header Type & Plug Type Terminal Blocks



Standard Type Terminal Block Range Features:

- Standard type Terminal Blocks offer IMO's most economical terminal block solution
- Wire Protection, Rising Clamp or Screwless versions
- The range offers pitches from 2.5mm to 15mm with up to 35mm² cable entry
- Modular and solid block solutions available
- UR and cUR approvals
- Marker printing available on request



Header Type Terminal Block Range Features:

- Header type Terminal Blocks to pair with Plug type Terminal Blocks
- Male and female Header versions
- The range offers pitches from 2.5mm to 10.16mm
- UR and cUR approvals
- Marker printing available on request



Plug Type Terminal Block Range Features:

- Plug type Terminal Blocks to fit IMO Header type Terminal Blocks
- Screw or Screwless Clamp versions
- The range offers pitches from 2.5mm to 10.16mm
- UR and cUR approvals
- Marker printing available on request



For the complete range of
PCB Terminal Blocks,
go to www.imopc.com
and download the catalogue



PRICING GROUP
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Distribution Boxes, Enclosures & Accessories



IP66/55 Terminal Junction Boxes



Polycarbonate, V0 Rated
Supplied with 3 Cable Entry Glands
& Sealing Plugs



Part Number	Description
TB30C	7xM20 Entry (88 x 88 x 53mm)
TB31C	7xM25 Entry (98 x 98 x 61mm)
TB32C	6xM25/32 & 4xM25 Entry (119 x 139 x 70mm)
TB33C	10xM25/32 Entry (125 x 167 x 82mm)

ABS Plastic Alpha Enclosures



Plain Sided Walls
IP66 - IP67 Rating
Circuit Board Slots in Base
Screws Captive Once Fitted
All models below are also available in
UL Approved Polycarbonate



Part Number	Description
144E0001	Opaque ABS (75 x 125 x 75mm)
144E0002	Opaque ABS (125 x 125 x 75mm)
144E0003	Opaque ABS (125 x 125 x 100mm)
144E0004	Opaque ABS (125 x 175 x 75mm)
144E0005	Opaque ABS (125 x 175 x 100mm)
144E0006	Opaque ABS (125 x 175 x 125mm)
144E0007	Opaque ABS (175 x 175 x 100mm)
144E0008	Opaque ABS (175 x 175 x 125mm)
144E0009	Opaque ABS (175 x 175 x 150mm)
144E0010	Opaque ABS (175 x 250 x 100mm)
144E0011	Opaque ABS (175 x 250 x 150mm)

High-Impact Transparent Lid Enclosures



IP66 - IP67 Rating
ABS Base
Polycarbonate Transparent Lid



Part Number	Description
144E2010	Opaque ABS Base (200 x 200 x 132mm)
144E2011	Opaque ABS Base (200 x 300 x 132mm)
144E2012	Opaque ABS Base (200 x 400 x 132mm)
144E2013	Opaque ABS Base (300 x 300 x 132mm)
144E2014	Opaque ABS Base (300 x 400 x 132mm)
144E2015	Opaque ABS Base (300 x 600 x 132mm)
144E2016	Opaque ABS Base (400 x 400 x 132mm)
144E2017	Opaque ABS Base (400 x 600 x 132mm)

Relay & Enclosures



IP65 Rated



Part Number	Description
P1M	With DIN Rail (89 x 180 x 101mm)
P1MT	With Start & Stop Buttons

ABS Plastic Beta Enclosures



Plain Sided Walls
IP66 - IP67 Rating
Circuit Board Slots in Base
Screws Captive Once Fitted



Part Number	Description
144E1001	Opaque ABS (53 x 55 x 36mm)
144E1002	Opaque ABS (80 x 82 x 56mm)
144E1003	Opaque ABS (80 x 120 x 56mm)
144E1004	Opaque ABS (80 x 120 x 86mm)
144E1005	Opaque ABS (80 x 160 x 56mm)
144E1007	Opaque ABS (120 x 122 x 86mm)
144E1008	Opaque ABS (120 x 200 x 86mm)
144E1009	Opaque ABS (160 x 240 x 121mm)
144E1010	Opaque ABS (230 x 300 x 111mm)
144E1015	Opaque ABS (300 x 400 x 132mm)
144E2002	Transparent Lid ABS (125 x 125 x 75mm)
144E2003	Transparent Lid ABS (125 x 175 x 100mm)
144E2004	Transparent Lid ABS (125 x 175 x 150mm)

Enclosure Accessories



Part Number	Description
E-LOCK	Barrel Lock to suit E-xxW Distribution Boxes
144BP0001	Base Plate for 144E0001
144BP0002	Base Plate for 144E0002 / 3
144BP0004	Base Plate for 144E0004 / 5
144BP0007	Base Plate for 144E0007 / 8 / 9
144BP0010	Base Plate for 144E0010 / 11
144BP1008	Base Plate for 144E1008
144BP1010	Base Plate for 144E1010
144D0001	DIN Rail for 144E0001 (35 x 50mm)
144D0002	DIN Rail for 144E0002 / 3 (35 x 100mm)
144D0004	DIN Rail for 144E0004 / 5 / 6 / 7 / 8 / 9 (35 x 150mm)
144D0010	DIN Rail for 144E0010 / 11 (35 x 225mm)
144A0001	Hinge Pair



IMO AC Drives Product Range

IMO have for over 30 years, been at the cutting edge of AC Drives design and manufacturing. The market-leading range of IMO Jaguar AC Drives has continuously innovated in order to maintain its position at the very forefront of inverter technology, and can underwrite your energy savings for 5 years, thanks to our market-leading 5-year warranty.

To complete our AC Drives offering, we also manufacture several cost-efficient ranges - SD1, HD2 and the new HD2IP IP55 rated AC Variable Speed Drives. The SD1 is our entry-level drive range, yet it offers STO (Safe Torque OFF) across the entire range, and cUL approval for use in North America, plus they are available in single or three phase (up to 110kW). The high performance HD2 offers three phase (400V) up to 500kW and includes a huge array of communications capability including WiFi and Bluetooth, whilst the new HD2IP range offers three phase (400V) up to 110kW with IP55 rated protection and our 3 year manufacturer warranty.



Jaguar VXT AC Variable Speed Drives

See page 44

Since its introduction in 1984, the IMO Jaguar has represented the cutting-edge of AC inverter design and the latest IMO Jaguar VXT represents the most advanced high performance AC inverter we have ever produced. Packed with features including onboard 200 step PLC functionality, STO (Safe Torque Off) and advanced communications protocols, the Jaguar VXT sets the standard for AC inverter technology letting the user maximise performance whilst minimising additional component requirements in the overall application design.

With IMO's unique 5 Year Warranty and the support of its extensive technical resources around the world, the IMO Jaguar VXT is the natural choice for today's engineer creating tomorrow's design.



Jaguar Drives are over-engineered to provide you with the best possible AC Variable Speed Drive. We are so confident of the reliability and longevity of Jaguar Drives that we offer our unique 5 year manufacturer warranty.



SD1 AC Variable Speed Drives **0.4kW - 110kW (0.5HP - 150HP)**

See page 45

The SD1 is a general purpose variable speed drive range. Easy to set up, and comprehensively specified for use in virtually any application including permanent magnet synchronous motors, the SD1 is IMO's first complete range of variable speed drives which offer STO (SIL2 / SIL3), along with a huge range of enhanced features, normally found on much more expensive inverter drives. A range of EMC filter options makes the SD1 suitable for virtually every industrial, commercial or domestic application.



HD2 AC Variable Speed Drives **1.5kW - 500kW (2HP - 670HP)**

See page 46

The HD2 range of inverters offer unrivalled performance. Designed for controlling asynchronous AC induction motors and permanent magnet synchronous motors, the HD2 torque vector control range are packed full of features that you would usually expect to find on considerably higher specified inverters. Utilising the most advanced vector control technology, the HD2 range delivers sensorless and closed loop vector control for both asynchronous and synchronous motors giving exceptional speed response and control. HD2 offers unparalleled reliability, environmental adaptability, high precision and stable performance - everything you have come to expect from an IMO inverter drive



HD2IP AC Variable Speed Drives **4kW - 110kW (5.5HP - 148HP)**

See page 47

Improving the HD2 range, the brand new HD2IP multi-function torque vector inverters offer a new dimension in IMO's AC Variable Speed Drives range, with IP55 rated protection across the HD2IP range. Incorporating features such as ease of use, excellent performance, high scalability and wide application usage, and with an integrated AC isolator, the HD2IP provides convenience and security for machine control and debugging. Offered as standard with our 3 year manufacturer warranty.



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Jaguar AC Variable Speed Drives

0.4kW ~ 710kW (0.55HP ~ 950HP)



VXT Single-Phase 200V Single-Rated



Single Duty (HDD),
IP20 Rated



Part Number	Description
VXT-3A-1	0.4kW 3.0 Amp 0.5 HP 200-240V 1ph 50-60Hz Unfiltered
VXT-5A-1	0.75kW 5.0 Amp 1.0 HP 200-240V 1ph 50-60Hz Unfiltered
VXT-8A-1	1.5kW 8.0 Amp 2.0 HP 200-240V 1ph 50-60Hz Unfiltered
VXT-11A-1	2.2kW 11.0 Amp 3.0 HP 200-240V 1ph 50-60Hz Unfiltered
VXT-3A-1E	0.4kW 3.0 Amp 0.5 HP 200-240V 1ph 50-60Hz Filtered
VXT-5A-1E	0.75kW 5.0 Amp 1.0 HP 200-240V 1ph 50-60Hz Filtered
VXT-8A-1E	1.5kW 8.0 Amp 2.0 HP 200-240V 1ph 50-60Hz Filtered
VXT-11A-1E	2.2kW 11.0 Amp 3.0 HP 200-240V 1ph 50-60Hz Filtered

VXT Three-Phase 400V Quadruple-Rated



Multi Duty,
IP20 Rated



Part Number	Description
VXT-2A-4	0.75kW 2.1 Amp 1.0 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-4A-4	1.5kW 4.1 Amp 2.0 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-6A-4	2.2kW 5.5 Amp 3.0 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-7A-4	3.0kW 6.9 Amp 4.0 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-12A-4	5.5kW 12.0 Amp 7.5 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-22A-4	11.0kW 21.5 Amp 15.0 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-29A-4	15.0kW 28.5 Amp 20.0 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-37A-4	18.5kW 37.0 Amp 25.0 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-44A-4	22.0kW 44.0 Amp 30.0 HP 380-480V 3ph 50-60Hz Unfiltered
VXT-2A-4E	0.75kW 2.1 Amp 1.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-4A-4E	1.5kW 4.1 Amp 2.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-6A-4E	2.2kW 5.5 Amp 3.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-7A-4E	3.0kW 6.9 Amp 4.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-12A-4E	5.5kW 12.0 Amp 7.5 HP 380-480V 3ph 50-60Hz Filtered
VXT-22A-4E	11.0kW 21.5 Amp 15.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-29A-4E	15.0kW 28.5 Amp 20.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-37A-4E	18.5kW 37.0 Amp 25.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-44A-4E	22.0kW 44.0 Amp 30.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-59A-4E	30.0kW 59.0 Amp 40.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-72A-4E	37.0kW 72.0 Amp 50.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-85A-4E*	45.0kW 85.0 Amp 60.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-105A-4E*	55.0kW 105.0 Amp 75.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-139A-4E*	75.0kW 139.0 Amp 100.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-168A-4E*	90.0kW 168.0 Amp 125.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-203A-4E*	110.0kW 203.0 Amp 150.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-240A-4E*	132.0kW 240.0 Amp 175.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-290A-4E*	160.0kW 290.0 Amp 215.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-361A-4E*	200.0kW 361.0 Amp 270.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-415A-4E*	220.0kW 415.0 Amp 300.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-520A-4E*	280.0kW 520.0 Amp 375.0 HP 380-480V 3ph 50-60Hz Filtered
VXT-590A4E*	315.0kW 590.0 Amp 420.0 HP 380-480V 3ph 50-60Hz Filtered

VXT Three-Phase 200V Dual-Rated



Multi-Duty,
IP20 Rated



Part Number	Description
VXT-4A-2	0.75kW 3.5 Amp 1.0 HP 200-240V 3ph 50-60Hz
VXT-6A-2	1.1kW 6.0 Amp 1.5 HP 200-240V 3ph 50-60Hz
VXT-10A-2	2.2kW 9.6 Amp 3.0 HP 200-240V 3ph 50-60Hz
VXT-12A-2	3.0kW 12.0 Amp 4.0 HP 200-240V 3ph 50-60Hz
VXT-20A-2	5.5kW 19.6 Amp 7.5 HP 200-240V 3ph 50-60Hz

NOTE: Ratings displayed above related to use with Pumps & Fans. For General Purpose & Heavy Duty ratings, please visit www.imopc.com. Unfiltered versions available. Contact IMO for more information



Save Energy & Money with a Jaguar Variable Speed Drive

Introduction of a Variable Speed Drive can deliver energy savings of up to 50% in many cases. Equipment such as air handling units, swimming pool pumps and extraction systems can all be controlled to deliver optimum performance but at a fraction of the cost.



PRICING GROUP
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SD1 General Purpose AC Variable Speed Drives & Accessories

AC Variable Speed Drives (0.4kW ~ 110kW)



SD1 Single-Phase 100V



IP20 Rated



Part Number	Description
SD1-2.5A-11	SD1 0.4kW 2.5 Amp Torque Vector
SD1-4.2A-11	SD1 0.75kW 4.2 Amp Torque Vector
SD1-5.8A-11	SD1 1.1kW 5.8 Amp Torque Vector

SD1 Single-Phase 200V



IP20 Rated



Part Number	Description
SD1-2.5A-21	SD1 0.4kW 2.5 Amp Torque Vector
SD1-4.2A-21	SD1 0.75kW 4.2 Amp Torque Vector
SD1-7.5A-21	SD1 1.5kW 7.5 Amp Torque Vector
SD1-10A-21	SD1 2.2kW 10 Amp Torque Vector

SD1 Three-Phase 200V



IP20 Rated



Part Number	Description
SD1-2.5A-23	SD1 0.4kW 2.5 Amp Torque Vector
SD1-4.2A-23	SD1 0.75kW 4.2 Amp Torque Vector
SD1-7.5A-23	SD1 1.5kW 7.5 Amp Torque Vector
SD1-10A-23	SD1 2.2kW 10 Amp Torque Vector
SD1-16A-23	SD1 4kW 16 Amp Torque Vector
SD1-20A-23	SD1 5.5kW 20 Amp Torque Vector
SD1-30A-23	SD1 7.5kW 30 Amp Torque Vector

SD1 Three-Phase 400V



IP20 Rated



Part Number	Description
SD1-2.5A-43	SD1 0.4kW 2.5 Amp Torque Vector
SD1-4.2A-43	SD1 1.5kW 4.2 Amp Torque Vector
SD1-5.5A-43	SD1 2.2kW 5.5 Amp Torque Vector
SD1-9.5A-43	SD1 4kW 9.5 Amp Torque Vector
SD1-14A-43	SD1 5.5kW 14 Amp Torque Vector
SD1-18.5A-43	SD1 7.5kW 18.5 Amp Torque Vector
SD1-25A-43	SD1 11kW 25 Amp Torque Vector
SD1-32A-43	SD1 15kW 32 Amp Torque Vector
SD1-38A-43	SD1 18.5kW 38 Amp Torque Vector
SD1-45A-43	SD1 22kW 45 Amp Torque Vector
SD1-60A-43	SD1 30kW 60 Amp Torque Vector
SD1-75A-43	SD1 37kW 75 Amp Torque Vector
SD1-92A-43	SD1 45kW 92 Amp Torque Vector
SD1-115A-43	SD1 55kW 115 Amp Torque Vector
SD1-150A-43	SD1 75kW 150 Amp Torque Vector
SD1-180A-43	SD1 90kW 180 Amp Torque Vector
SD1-215A-43	SD1 110kW 215 Amp Torque Vector

* Model dependent

SD1 1-Phase Input/Output 200V



IP20 Rated



Part Number	Description
SD1-4.2A-21-1	SD1 0.2 kW, 200-240 V Single Phase Input, 4.2 Amp Torque Vector
SD1-7.2A-21-1	SD1 0.4 kW, 200-240 V Single Phase Input, 7.2 Amp Torque Vector
SD1-10.2A-21-1	SD1 0.75 kW, 200-240 V Single Phase Input, 10.2 Amp Torque Vector
SD1-14A-21-1	SD1 01.5 kW, 200-240 V Single Phase Input, 14 Amp Torque Vector
SD1-25A-21-1	SD1 2.2 kW, 200-240 V Single Phase Input, 25 Amp Torque Vector
SD1-35A-21-1	SD1 3.7 kW, 200-240 V Single Phase Input, 35 Amp Torque Vector

SD1 Filters & Accessories



Part Number	Description
SD1-RFC3-10	C3 Filter for Single-Phase SD1 models
SD1-RFC3-7	C3 Filter for Three-Phase SD1 models
SD1-KP	5 Digit External Mount LED Keypad
SD1-KP-CPY	5 Digit External Mount LED Keypad w/copy
SD1-KP-MB	Keypad Mounting Bracket for SD1 keypads
SD1-JL1	Filter Jumper Link for units 4kW and above



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HD2 AC Variable Speed Drives & Accessories

AC Variable Speed Drives (1.5kW ~ 500kW)



HD2 Three-Phase 400V



IP20 Rated



Part Number	Description
HD2-3.7A-43	HD2 1.5kW 3.7 Amp Torque Vector
HD2-5A-43	HD2 2.2kW 5 Amp Torque Vector
HD2-9.5A-43	HD2 4kW 9.5 Amp Torque Vector
HD2-14A-43	HD2 5.5kW 14 Amp Torque Vector
HD2-18.5A-43	HD2 7.5kW 18.5 Amp Torque Vector
HD2-25A-43	HD2 11kW 25 Amp Torque Vector
HD2-32A-43	HD2 15kW 32 Amp Torque Vector
HD2-38A-43	HD2 18.5kW 38 Amp Torque Vector
HD2-45A-43	HD2 22kW 45 Amp Torque Vector
HD2-60A-43	HD2 30kW 60 Amp Torque Vector
HD2-75A-43	HD2 37kW 75 Amp Torque Vector
HD2-92A-43	HD2 45kW 92 Amp Torque Vector
HD2-115A-43	HD2 55kW 115 Amp Torque Vector
HD2-150A-43	HD2 75kW 150 Amp Torque Vector
HD2-180A-43	HD2 90kW 180 Amp Torque Vector
HD2-215A-43	HD2 110kW 215 Amp Torque Vector
HD2-260A-43	HD2 132kW 260 Amp Torque Vector
HD2-305A-43	HD2 160kW 305 Amp Torque Vector
HD2-340A-43	HD2 185kW 340 Amp Torque Vector
HD2-380A-43	HD2 200kW 380 Amp Torque Vector
HD2-425A-43	HD2 220kW 425 Amp Torque Vector
HD2-480A-43	HD2 250kW 480 Amp Torque Vector
HD2-530A-43	HD2 280kW 530 Amp Torque Vector
HD2-600A-43	HD2 315kW 600 Amp Torque Vector
HD2-650A-43	HD2 355kW 650 Amp Torque Vector
HD2-720A-43	HD2 400kW 720 Amp Torque Vector
HD2-820A-43	HD2 450kW 820 Amp Torque Vector
HD2-860A-43	HD2 500kW 860 Amp Torque Vector

Braking Units



IP20 Rated



Part Number	Description
DBU22/37-4	Dynamic brake unit, 22-37kW / 400V
DBU45/75-4	Dynamic brake unit, 45-75kW / 400V
DBU90/110-4	Dynamic brake unit, 90-110kW / 400V
DBU132-4	Dynamic brake unit, 132kW / 400V
DBU160/200-4	Dynamic brake unit, 160-200kW / 400V
DBU220/250-4	Dynamic brake unit, 220-250kW / 400V

HD1/HD2 Expansion Cards



Part Number	Description
HD2-E-IO	IO Expansion Card
HD2-E-PLC	Programmable Expansion Card (CODESYS)
HD2-E-BTP	Bluetooth Communication Card (Internal Antenna)
HD2-E-BTM	Bluetooth Communication Card (External Antenna)
HD2-E-ENET	Ethernet Communication Card
HD2-E-WFP	WiFi Communication Card (Internal Antenna)
HD2-E-WFM	WiFi Communication Card (External Antenna)
HD2-E-COP	CANopen Communication Card
HD2-E-CAN	CAN Master-Slave Communication Card
HD2-E-PDP	PROFIBUS-DP Communication Card
HD2-E-PRF	PROFINET Communication Card
HD2-E-PGIM	Multi-Function Incremental PG Card
HD2-E-PGI	5V Differential PG Card
HD2-E-PGR	Rotary Transformer PG Card
HD2-KP-LCD	LCD Multi-function keypad
HD2-KP-MB	Keypad mounting bracket



Energy Savings of up to **50%**

Traditional fans and pumps are hugely inefficient consumers of energy and the introduction of a Variable Speed Drive can deliver energy savings of up to 50% in many cases. Equipment such as air handling units, swimming pool pumps and extraction systems can all be controlled to deliver optimum performance but at a fraction of the cost.

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HD2IP IP55 AC Variable Speed Drives & Accessories AC Variable Speed Drives (4kW ~ 110kW)

3
YEAR WARRANTY

HD2IP Three-Phase 400V



IP55 Rated



Part Number	Description
HD2IP-9.5A-43	HD2 IP55 4/5.5kW 9.5/12.5 Amp Torque Vector
HD2IP-14A-43	HD2 IP55 5.5/7.5kW 14/17 Amp Torque Vector
HD2IP-18.5A-43	HD2 IP55 7.5/11kW 18.5/23 Amp Torque Vector
HD2IP-25A-43	HD2 IP55 11/15kW 25/32 Amp Torque Vector
HD2IP-32A-43	HD2 IP55 15/18.5kW 32/38 Amp Torque Vector
HD2IP-38A-43	HD2 IP55 18.5/22kW 38/45 Amp Torque Vector
HD2IP-45A-43	HD2 IP55 22/30kW 45/60 Amp Torque Vector
HD2IP-60A-43	HD2 IP55 30/37kW 60/75 Amp Torque Vector
HD2IP-75A-43	HD2 IP55 37/45kW 75/92 Amp Torque Vector
HD2IP-92A-43	HD2 IP55 45/55kW 92/115 Amp Torque Vector
HD2IP-115A-43	HD2 IP55 55/75kW 115/150 Amp Torque Vector
HD2IP-150A-43	HD2 IP55 75/90kW 150/170 Amp Torque Vector
HD2IP-180A-43	HD2 IP55 90/110kW 180/215 Amp Torque Vector
HD2IP-215A-43	HD2 IP55 110kW 215 Amp Torque Vector

HD2IP Features

- IP55 protection rating
- AC isolator for safe control
- Isolated air duct
- Sectional cover design makes wiring simple
- Strong scalability: supports up to 3 expansion cards at the same time

IP55



Industrial Application Support

**Tailor-made industrial application support
to boost your productivity, enhance your performance, and reduce your costs.**

No matter what your application or industrial automation project, your operational needs are unique to you. So you will be pleased to hear that as an IMO customer, you have access to our Industrial Application Support team who are able to guide, assist, determine and resolve your industrial application issues to fit your exact needs.

From a simple question and answer through to complete project support, our team is on hand to assist you with our entire Automation product range including AC Variable Speed Drives. Simply call **01707 414444** or email automation@imopc.com with details of your project.

Increase Performance ♦ Reduce Costs ♦ Replacement Components ♦ Energy Savings



sales@imopc.com



01707 414 444

IMO Automation Product Range

IMO's range of automation products has been designed specifically to meet the demanding needs of today's designers and engineers whose requirements range from a simple limit switch through to the most advanced HMIs and PLCs ever produced. The IMO Automation range allows designers and engineers globally to deliver significant technological advances, greater efficiency, reliability and performance in their daily operations for a wide range of applications from a simple wood working machine to the most demanding and complex integrated systems.

With over 40 years experience of servicing the automation market you can be confident that IMO have the products, skills and know-how to help our customers achieve the optimum solution.

Intelligent Relays

See page 50

Ideally suited for use in smaller automation applications, the iSmart Intelligent Relay from IMO is a flexible, easy-to-use and highly cost-effective controller, offering the same capability as a small Programmable Logic Controller



Human Machine Interfaces

See page 51

HMIs provide visual solutions for your application. The iView Advanced HMI is our flagship product, providing a modern look and feel for your electronic interface(s). The iView is provided as standard with over 500 industry protocols, significantly increasing compatibility with other automation products. Touch screen sizes range from 4.3" to 15.0", with all offering 65k colours.



All-in-one Intelligent Controllers

See page 52-53

Introducing the IMO i3 Intelligent Controller featuring PLC, HMI and OpenBus communications technology combined into a single, easy-to-mount unit. Other than saving space, the benefits of an integrated solution include reduction of overall power consumption and reduction of application development time, whilst also allowing customers to standardise to a single controller to fit most of their applications.





Programmable Logic Controllers

See page 54-55

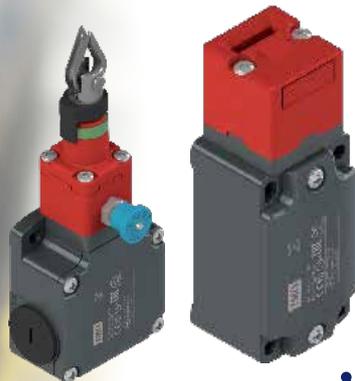
Our PLCs are the controlling brain used in electronic operations. Easy to program and operate, PLCs eliminate the need for hard wired relay logic, and offer expansion of input and output modules, depending upon your requirement. Our XGB range offers maximum automation at an affordable price - high performance, high functionality and rich in communications features, the XGB can control the most complex of tasks.



Limit Switches

See page 57

IMO Limit Switches are being installed and used daily in every type of industrial machinery, in all types of weather conditions and in many different industry sectors including Wood, Metal, Plastic, Automotive, Packaging and Lifting. IMO Limit Switches are available in eight basic body styles, many contact switch blocks and numerous styles of actuators, giving over 3,000 configurations.



Safety Limit Switches

See page 58

Our Safety Limit Switches are specially designed to match the increasing complexity of modern machinery, where safety guarding is paramount and necessary. The comprehensive IMO range provides solutions for rope switch actuation, rotating head and lever switching for open guard sensing and high-speed key entry switching with a design that protects against damage caused by slamming guards.



Signal Conditioning

See page 59

IMO's signal conditioning range consists of 4-20mA loop powered isolators, signal isolators, signal converters and frequency to analogue converters, which are innovative in design, compact in size, and available in AC, DC as well as loop powered options.



Sensors

See page 59-61

IMO manufactures a comprehensive range of Photoelectric Sensors, Inductive Sensors, Ultrasonic Sensors, AC Capacitive and DC Capacitive Sensors that all carry our 3 year manufacturers warranty.



IMO STARLINE CATALOGUE

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iSmart Intelligent Relays & Accessories

Cost-Effective Programmable Controllers for Process Automation Applications



iSmart Base Units with screen



Part Number	Description
<i>iSmart Version 3 Programmable Relays</i>	
SMT-ED-R12-V3	24VDC Relay + HMI 8 DC In, 2A/D In, 4 RO
SMT-ED-R20-V3	24VDC Relay + HMI 12 DI, 4 AI, 8 RO
SMT-ED-T12-V3	24VDC Relay + HMI 6 DI, 2 AI, 4 Trans Out
SMT-ED-T20-V3	24VDC Relay + HMI 12 DI, 4 AI, 8 Trans Out
SMT-ED12-R12-V3	12VDC Relay + HMI 6 DI, 2 AI, 4 RO
SMT-ED12-R20-V3	12VDC Relay + HMI 12 DI, 4 AI, 8 RO
SMT-EA-R10-V3	230VAC Relay + HMI 6 DI (AC), 2 AI, 4 RO
SMT-EA-R20-V3	230VAC Relay + HMI 12 DI (AC), 4 AI, 8 Trans Out
SMT-EA24-R12-V3	24VAC Relay + HMI 6 AC In, 4 RO
SMT-EA24-R20-V3	24VAC Relay + HMI 12 AC In, 8 RO
<i>iSmart Version 4 Programmable Relays with Ethernet</i>	
SMT4-ED-R12	24VDC Relay + HMI 8 DC In, 2A/D In, 4 RO NEW
SMT4-ED-R20	24VDC Relay + HMI 12 DI, 4 AI, 8 RO
SMT4-EA-R10	230VAC Relay + HMI 6 DI (AC), 2 AI, 4 Trans Out
SMT4-EA-R20	230VAC Relay + HMI 12 DI (AC), 4 AI, 8 Trans Out

iSmart Base Units without screen



Part Number	Description
<i>iSmart Version 3 Programmable Relays</i>	
SMT-BD-R12-V3	24VDC Smart Relay 6 DI, 2 AI, 4 RO
SMT-BA-R20-V3	24VDC Smart Relay 12 DI, 4 AI, 8 RO
SMT-BD-T12-V3	24VDC Smart Relay 6 DI, 2 AI, 4 Trans Out
SMT-BD-T20-V3	24VDC Smart Relay 12 DI, 4 AI, 8 Trans Out
SMT-BA-R10-V3	230VAC Smart Relay 6 DI (AC), 4 RO
SMT-BA-R20-V3	230VAC Smart Relay 12 DI (AC), 8 RO
<i>iSmart Version 4 Programmable Relays with Ethernet</i>	
SMT4-BD-R12	24VDC Smart Relay 6 DI, 2 AI, 4 RO NEW
SMT4-BD-R20	24VDC Smart Relay 12 DI (AC), 8 RO

iSmart Base Units with RS485



Part Number	Description
<i>iSmart Version 3 Programmable Relays</i>	
SMT-CD-R20-V3	24VDC Smart Relay + HMI 12 DI, 4 AI, 8 RO, Modbus
SMT-CD-T20-V3	24VDC Smart Relay + HMI 12 DI, 4 AI, 8 Trans Out, Modbus
SMT-CD12-R20-V3	12VDC Smart Relay + HMI 12 DI, 4 AI, 8 RO, Modbus
<i>iSmart Version 4 Programmable Relays with Ethernet</i>	
SMT4-CD-R20	24VDC Smart Relay + HMI 12 DI, 4 AI, 8 RO, Modbus NEW

Accessories & Expansion Units



Part Number	Description
<i>Expansion Units</i>	
SMT-MA-R8	I/O Expansion 100-240VAC 4 DI, 4 RO
SMT-MD-R8	I/O Expansion 24VDC 4 DI, 4 RO
SMT-MD-T8	I/O Expansion 24VDC 4 DI, 4 Trans Out
SMT-MD-4AI	I/O Expansion 24VDC 4 AI
SMT-4PT	I/O Expansion 24VDC 4 PT100
SMT-2AO	I/O Expansion 24VDC 2 AO
SMT-MA24-R8	I/O Expansion 24VAC 4 DI, 4 RO
<i>Accessories</i>	
SMTIV-RS232	Communication Cable iView to iSmart
SMT-USB	USB Programming Cable
SMT-PC03	Programming Cable
SMT-PM04-V3	32k Flash Memory Expansion

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iView Advanced HMI & Accessories

5 screen sizes, all with over 500 industry protocols included as standard



iView Advanced HMI E Series

IP66 Rated




Part Number	Description
IV204E-S0CP	iView HMI with 4.3" Colour Screen No Ethernet
IV204E-SECP	iView HMI with 4.3" Colour Screen
IV207E-SECP	iView HMI with 7" Colour Screen
IV210E-SECP	iView HMI with 10.1" Colour Screen

Accessories & Software





Part Number	Description
<i>Accessories</i>	
IV-USB	iView to PC Communication Cable
MSD-16GB	16GB microSD™ Card
SMTIV-RS232	iView to iSmart Communication Cable
<i>Software</i>	
IV2-DEV-LIC	iView Remote Device License
IV2-REM-ACC	iView Remote Account License 500 Points

iView Advanced HMI M Series

IP66 Rated

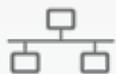



Part Number	Description
IV204M-SEAP	iView HMI with 4.3" Colour Screen
IV207M-SEAP	iView HMI with 7" Colour Screen
IV210M-SEAP	iView HMI with 10.1" Colour Screen
IV212M-SEAA	iView HMI with 12.1" Colour Screen
IV215M-SEAA	iView HMI with 15.0" Colour Screen

See the difference with the iView Advanced HMI



Ingress Protection for Dust Proofing and Water Resistance



Integral Ethernet Port for remote connectivity



Plug in power terminal for easyfit



File transfer functionality allowing remote download



Aluminium bezel available on selected models



3 Integral Serial Ports including 1 x Screwless



microSD™ card storage for Data Logging



2 Integral USB Ports - 1 x USB A, 1 x USB B



Over 500 industry protocols as standard

IMO's updated range of iView HMI's are available in five touch screen sizes 4.3", 7.0", 10.4", 12.1" and 15.0". The HMI range options include the IP65 rated E Series for basic applications, the IP66 rated M Series models for medium range applications and IP66 rated H Series models with higher capability for more demanding applications. 2nd generation models are now available with even greater specifications including MQTT messenger functionality.



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IMO STARLINE CATALOGUE

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i³ Intelligent Control Station & Accessories *Integrated PLC, HMI and Openbus communications in one handy unit*



Advantages of an Integrated Solution

IMO's i³ intelligent controller offers a unique solution combining both Programmable Logic Controller (PLC) and Human Machine Interface (HMI) into one device. As microprocessor technology moves forward, it is a logical step to rationalise hardware and condense many traditional control components down into a single, compact unit. This gives the benefit of reducing manufacturing costs, reducing overall power consumption of the control solution and reducing application development time. It also allows customers to standardise to a single controller to fit most of their applications, and allows greater flexibility for future developments.

Common i³ Features

- Addressable function keys
- CAN Port
- Up to 6 Analogue Inputs
- Up to 4 Analogue Outputs
- Stepper Control (PWM)
- PID Control
- Alarm Function
- IP65 (NEMA 4X) Protection
- Configurable Serial Comms Port
- Up to 24 Digital Inputs
- Up to 16 Digital Outputs
- High Speed Counter
- Modem Interface
- CAN & Modbus based Remote I/O
- Real-time Clock
- CE, UL, cUL Approved



i³AL Lite Intelligent Control Station



IP65 Rated
2.2" Mono Screen



Part Number	Description
I3AL12X/10D12-SCHF	12DI, 6RO, 2HSC Out, 4AI, 2AO, 2.2" Mono Screen
I3AL12X/10D14-SCHF	12DI, 12DO, 4AI, 2AO, 2.2" Mono Screen

i³EL Lite Intelligent Control Station



IP65 Rated
7.0" Colour Screen



Part Number	Description
I3EL12Z/10D12-SEHF	12DI, 6RO, 2HSC Out, 4AI, 2AO, 7.0" Colour Screen
I3EL12Z/10D14-SEHF	12DI, 12DO, 2HSC Out, 4AI, 2AO, 7.0" Colour Screen

i³CL Lite Intelligent Control Station



IP65 Rated
4.3" Colour Screen



Part Number	Description
I3CL12V/10D12-SEHF	12DI, 6RO, 2HSC Out, 4AI, 2AO, 4.3" Colour Screen
I3CL12V/10D14-SEHF	12DI, 12DO, 2HSC Out, 4AI, 2AO, 4.3" Colour Screen

i³DL Intelligent Control Station



IP65 Rated
10.4" Colour Screen



Part Number	Description
I3DL12Z/10D12-SEHF	12DI, 6RO, 4AI, 2AO, 10.4" Colour Screen
I3DL12Z/10D14-SEHF	12DI, 12DO, 4AI, 2AO, 10.4" Colour Screen

i3AX Intelligent Control Station



IP65 Rated
2.2" Mono Screen



Part Number	Description
I3AX12X/10B04-SEHF	12DI, 12DO, 2AI, Ethernet, Mini USB
I3AX12X/10D03-SEHF	12DI, 6RO, 4AI, Ethernet, Mini USB
I3AX12X/10E24-SEHF	12DI, 12DO, 6UAI, 4AO Ethernet, Mini USB
I3AX12X/13C14-SEHF	12DI, 12DO, 2UAI, 2AO, Ethernet, Mini USB
I3AX12X/20B05-SEHF	24DI, 16DO, 2AI, Ethernet, Mini USB

i3BX Intelligent Control Station



IP65 Rated
3.5" Mono Screen



Part Number	Description
I3BX12Y/10D03-SEHF	12DI, 6RO, 4AI, Ethernet, Mini USB
I3BX12Y/10E24-SEHF	12DI, 12DO, 6UAI, 4AO Ethernet, Mini USB
I3BX12Y/13C14-SEHF	12DI, 12DO, 2UAI, 2AO, Ethernet, Mini USB
I3BX12Y/20B05-SEHF	24DI, 6RO, 2AI, Ethernet, Mini USB

i3C Mini Intelligent Control Station



IP65 Rated
3.5" Colour Screen



Part Number	Description
I3CM12Y/10B04-SEHF	PCM 12DI, 12DO, 2AI
I3CM12Y/10D03-SEHF	PCM 12DI, 6DO (Relay), 3AI
I3CM12Y/13C14-SEHF	PCM 12DI, 12DO, 2UAI*, 2AO
I3CM12Y/20B05-SEHF	PCM 24DI, 16DO, 2AI
I3CM12Y/00000-SEHF	PCM without I/O
I3CM12Y/10E24-SEHF	PCM 12DI, 12DO, 6UAI*, 4AO

i3C Intelligent Control Station



IP65 Rated
5.7" Colour Screen



Part Number	Description
I3CX14Z/10D03-SEHF	PCX 12DI, 6DO (Relay), 4AI
I3CX14Z/20B05-SEHF	PCX 24DI, 16DO, 2AI
I3CX14Z/13C14-SEHF	PCX 12DI, 12DO, 2UAI*, 2AO
I3CX14Z/10E24-SEHF	PCX 12DI, 12DO, 6UAI*, 4AO
I3CX14Z/00000-SEHF	PCX without I/O

i3E Intelligent Control Station



IP65 Rated
7.0" Colour Screen



Part Number	Description
I3E14Z/10B04-SEHF	PE 12DI, 12DO, 2AI
I3E14Z/10D03-SEHF	PE 12DI, 6DO (Relay), 4AI
I3E14Z/13C14-SEHF	PE 12DI, 12DO, 2UAI*, 2AO
I3E14Z/20B05-SEHF	PE 24DI, 16DO, 2AI
I3E14Z/00000-SEHF	PE without I/O
I3E14Z/10E24-SEHF	PE 12DI, 12DO, 6UAI*, 4AO

i3DX Intelligent Control Station



IP65 Rated
10.4" Colour Screen



Part Number	Description
I3DX14Z/10D03-SEHF	PDX 12DI, 6DO (Relay), 4AI
I3DX14Z/13C14-SEHF	PDX 12DI, 12DO, 2UAI*, 2AO
I3DX14Z/10E24-SEHF	PDX 12DI, 12DO, 6AI, 4AO
I3DX14Z/20B05-SEHF	PDX 24DI, 16DO, 2AI
I3DX14Z/00000-SEHF	PDX without I/O
I3DX14Z/10B04-SEHF	PDX 12DI, 12DO, 2AI

i3HX Intelligent Control Station



IP65 Rated
15.0" Colour Screen



Part Number	Description
I3HX15/00000-SEHF	PHX without I/O

Accessories



Part Number	Description
I3-MA-25G	Quadband GSM Modem with Antenna
I3-MA-30G	Global GSM Modem with Antenna
I3PC45	Programming Cable
I3-RL-BAT	Replacement Battery
I3-GPS	GPS Module RS232



IMO STARLINE CATALOGUE

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XGB Programmable Logic Controllers & Accessories

Compact design, increased functionality & high speed processing



XBM Programmable Logic Controller



Part Number	Description
XBM-DR16S	8 DI, 8 RO (2A), 24 VDC
XBM-DN32S⁽¹⁾	16 DI, 16 DO (0.2A), 24 VDC

⁽¹⁾ Please contact IMO in order to correctly specify the required breakout cable and terminal blocks.

XBM Common Technical Specification

Supply Voltage	24 VDC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.2A / point
Program Capacity	10k Steps
Max I/O Points	240/256
Analogue Input Resolution ⁽²⁾	14 bit
Analogue Output Resolution ⁽³⁾	14 bit
PID Control	Yes
Programming Languages	Ladder
High Speed Inputs	Yes
Positioning	Yes

⁽²⁾ Model dependant

⁽³⁾ When using analogue expansion units

XBC Programmable Logic Controller



Part Number	Description
XBC-DR32H	16 DI, 16 RO (2A), 100-240 VAC
XBC-DR32H/DC	16 DI, 16 RO (2A), 24 VDC
XBC-DR64H	32 DI, 32 RO (2A), 100-240 VAC
XBC-DR64H/DC	32 DI, 32 RO (2A), 24 VDC

NOTE: Please contact IMO to order transistor output versions

XBC Common Technical Specification

Supply Voltage	24 VDC or 100-240 VAC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.5A / point
Program Capacity	15k Steps
Max I/O Points	352/384
Analogue Input Resolution ⁽²⁾	14 bit
Analogue Output Resolution ⁽³⁾	14 bit
PID Control	Yes
Programming Languages	Ladder
High Speed Inputs	Yes
Positioning	Yes

⁽²⁾ Model dependant

⁽³⁾ When using analogue expansion units

XEC Programmable Logic Controller



Part Number	Description
XEC-DR32H	16 DI, 16 RO (2A), 100-240 VAC
XEC-DR32H/DC-E⁽¹⁾	16 DI, 16 RO (2A), 24 VDC
XEC-DR64H	32 DI, 32 RO (2A), 100-240 VAC
XEC-DR64H/DC-E⁽¹⁾	32 DI, 32 RO (2A), 24 VDC

NOTE: Please contact IMO to order transistor output versions

⁽¹⁾ E-marked versions for 12V vehicle applications

XBC Common Technical Specification

Supply Voltage	24 VDC or 100-240 VAC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.5A / point
Program Capacity	15k Steps
Max I/O Points	352/384
Analogue Input Resolution ⁽²⁾	14 bit
Analogue Output Resolution ⁽³⁾	14 bit
PID Control	Yes
Programming Languages	IEC 61131
High Speed Inputs	Yes
Positioning	Yes

⁽²⁾ Model dependant

⁽³⁾ When using analogue expansion units

XGB U Programmable Logic Controller

Dual Port Ethernet
Max. 352 I/O point control



Part Number	Description
XBC-DN(P)32U⁽¹⁾	16 DI, 16 DO (0.2A)
XBC-DR28U	16 DI, 12 RO (2A)
XEC-DR28U	16 DI, 16 DO (0.2A)
XEC-DR28U/DC	16 DI, 12 RO (2A)

⁽¹⁾ N = NPN version P = PNP version
For 24VDC models please add suffix “/DC” to the part number

XBC-U Common Technical Specification	
Supply Voltage	230 VAC / 24 VDC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.5A / point, 2A / COM
Program Capacity	32k Steps
Max I/O Points	348/352 ⁽²⁾
Analogue Input Resolution ⁽²⁾	1/16000
Analogue Output Resolution ⁽³⁾	1/16000
PID Control	Yes
Programming Languages	Ladder
High Speed Inputs	8
Positioning	Yes

XEC-U Common Technical Specification	
Supply Voltage	230 VAC / 24 VDC
Relay Output Rating	2A Resistive
Transistor Output Rating	0.5A / point, 2A / COM
Program Capacity	384 kbytes
Max I/O Points	348/352 ⁽²⁾
Analogue Input Resolution ⁽²⁾	1/16000
Analogue Output Resolution ⁽³⁾	1/16000
PID Control	Yes
Programming Languages	IEC 61131
High Speed Inputs	8
Positioning	Yes

⁽²⁾ Model dependant
⁽³⁾ Applies only to models with analogue Input/Output

Accessories & Expansion



Part Number	Description
<i>Expansion Units</i>	
XBE-DC08A	Exp. Module 8DI, 24V Input
XBE-DC16B	Exp. Module 16 DI, 24V Input
XBE-DC32A⁽⁴⁾	Exp. Module 32 DI, 24V Input
XBE-RV16A	Exp. Module 16 Relay Output
XBE-TN08A	Exp. Module 8 Trans Output (sink)
XBE-TN16A	Exp. Module 16 Trans Output (sink)
XBE-TN32A⁽⁴⁾	Exp. Module 32 Trans Output (sink)
XBE-TP08A	Exp. Module 8 Trans Output (source)
XBE-TP16A	Exp. Module 16 Trans Output (source)
XBE-TP32A⁽⁴⁾	Exp. Module 32 Trans Output (source)
XBE-DR16A	Exp. Module 8 DI, 8 RO, 24V Input
XBF-AD04A	Exp. Module 4 AI, 24V Input
XBF-AD04C	Exp. Module 4 AI, 24V Input 16 bit Resolution
XBF-AD08A	Exp. Module 8 AI, 24V Input
XBF-AH04A	Exp. Module 2 AI, 2 AO Volt/Current
XBF-DV04A	Exp. Module 4 AO (volt)
XBF-DC04A	Exp. Module 4 AO (current)
XBF-RD04A	Exp. Module 4 PT100 Input
XBF-TC04S	Exp. Module 4 Thermocouple Input
XBL-EMTA	Ethernet Communication Module 10/100
XEL-BSSRT	Smart I/O Modbus TCP Header, ENET I/O
XBF-PN08B	XGBU Network Positioning Module 8 Axis
XBF-LD02S	2 Channel Load Cell Input Module (for XGB)
XBF-PD02A	XGBU Positioning Module 2 Axis Line Driver Type
XBL-C21A	Comms. Module RS232
XBL-C41A	Comms. Module RS485/422
XBL-CMEA	Comms. Module CANopen Master I/F Module
XBL-CSEA	Comms. Module CANopen Slave I/F Module
XBL-PMEC	XGBU Comms. Module Profibus DP Master RS485
XBL-PSEA	XGBU Comms. Module Profibus DP Slave
<i>Accessories</i>	
PMC-310S	RS232 Programming Cable (XBM, XEC-H & XBC-H)
USB-301A	USB Programming Cable (XGB PLC to i3 Controllers)
XBC-XECBATTERY	Replacement Battery (XBC & XEC only)
XBO-M1024	XGB Memory Expansion 1Mb
TG7-1H40S	XBE Breakout Terminal Board 32 Points
PC501	USB to Serial Converter USB to RS232
<i>Extension Cables</i>	
R40H/20HH-05S-XBM3	0.5m Cable Link to suit XBE Terminal Board
R40H/20HH-10S-XBM3	1.0m Cable Link to suit XBE Terminal Board
C40HH-05SB-XBI	0.5m Cable Link to TG7-1H40S to XBE
C40HH-10SB-XBE	1.0m Cable Link to suit XBE Terminal Board
C40HH-10SB-XBI	1.0m Cable Link to TG7-1H40S to XBE
C40HH-20SB-XBI	2.0m Cable Link to suit XBE (XBE-DC32A/TP3/TN32A)

⁽⁴⁾ Please contact IMO in order to correctly specify the required breakout cable and terminal boards



IMO STARLINE CATALOGUE

PRICING GROUP

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Remote I/O

Digital & Analogue I/O Modules for \mathcal{P} All-in-one Controllers & XGB PLC



IOS Remote I/O



Part Number	Description
IOS/M020XA-D1	RS485 (HD) 2 D/A Out (V mA) 14-bit
IOS/M04ICX-D1	RS485 (HD) 4 A/D In (Current) 16-bit
IOS/M04IPX-D1	RS485 (HD) 4 A/D In (RTD) Res: 0.1C
IOS/M04ITX-D1	RS485 (HD) 4 A/D In (TC) Res: 0.1C
IOS/M04IVX-D1	RS485 (HD) 4 A/D In (Voltage) 16-bit
IOS/M040XA-D1	RS485 (HD) 4 D/A Out (V mA) 14-bit
IOS/M08BDR-D1	RS485 (HD) 4 DI 4 Relay Out
IOS/M08ICX-D1	RS485 (HD) 8 A/D In (Current) 16-bit
IOS/M08ITX-D1	RS485 (HD) 8 A/D In (TC) Res: 0.1C
IOS/M08IVX-D1	RS485 (HD) 8 A/D In (Voltage) 16-bit
IOS/M080XV-D2	RS485 (HD) 8 D/A Out (Voltage) 14-bit
IOS/M12BDD-D2	RS485 (HD) 4 DC In 8 Trans Out
IOS/M12IDX-D1	RS485 (HD) 12 DC In

Smart I/O



Part Number	Description
GSL-D24C	Smart I/O Modbus 32 DI Removable Connector
GSL-DT4C1	Smart I/O Modbus 16 DI 16 DO Removable Terminals
GSL-RV2A	Smart I/O Modbus 16 RO 2A
GSL-RV2C	Smart I/O Modbus 16 RO 2A Removable Terminals

PRICING GROUP

147

\mathcal{P} Intelligent Control Station Remote Machine Interface Monitor & Control Plant Data From Your Mobile Device

Now you can monitor and control plant data from the palm of your hand with IMO \mathcal{P} RMI. Published directly from the \mathcal{P} Configurator, \mathcal{P} RMI allows the same or unique Web pages to be monitored and controlled from your computer, tablet or other mobile device. Developed completely within our \mathcal{P} Configurator environment, \mathcal{P} RMI allows for state-of-the-art HTML5 development without the need for web programming skills. The licencing and registration process is quick and simple while the benefits and affordability of \mathcal{P} RMI will truly change your world.

IoT - Internet of Things

Contributing to the global trend known as the Internet of Things (or IoT), our \mathcal{P} RMI instantly connects you to your automated applications. With \mathcal{P} RMI, you have the ability to remotely monitor and control easier and faster than ever before, all through your phone, computer, or tablet - providing you with the necessary insights to grow and improve your business.

\mathcal{P} Configurator Configurability

You don't have to be a professional web developer to benefit from the remote-accessing capabilities for \mathcal{P} RMI. With \mathcal{P} RMI, we've made accessing your \mathcal{P} controller as smooth and simple as possible, by putting the \mathcal{P} RMI configuration right within our standard programming software. Now \mathcal{P} Configurator allows you to create, monitor and control your \mathcal{P} application remotely without any manual HTML development.



\mathcal{P} RMI Remote Machine Interface



Part Number	Description
I3-RMI-BASIC	RMI License 5 Users 25 Pages 100 Points
I3-RMI-PRO	RMI License 254 Users 1,023 Pages 50,000 Points
I3-TRANSFER	\mathcal{P} File Transfer Software
I3PORTAL	\mathcal{P} Remote Operator Software Single License

PRICING GROUP
104

Limit Switches

8 Body Styles With Numerous Contact Blocks & Actuators



Compact Plastic Body Limit Switches



IP67 Rated



Part Number	Description
<i>Single Conduit Entry</i>	
LRC5A01	Short Piston Plunger
LRC5A02	One-Way Roller (Top Actuated)
LRC5A05	One-Way Roller (Side Actuated)
LRC5A07	One-Way Roller (Adjustable)
LRC5A08	Piston Plunger (Sealed)
LRC5A10	M12 Piston Plunger
LRC5A13	M18 Piston Plunger
LRC5A15	11mm Roller Plunger
LRC5A20	Coil Spring & Rod (Sealed)
LRC5A21	Cats Whisker
LRC5A25	Coiled Spring (Sealed)
LRC5A31	Roller Lever
LRC5A33	Lever Rod (Square)
LRC5A50	Lever Rod (Round)
LRC5A51	Large Offset Roller Lever
LRC5A52	Roller Lever Long
LRC5A54	Offset Roller Lever
LRC5A55	Adjustable Roller Lever
LRC5A69	Lever Rod (Glass Fibre)
<i>Double Conduit Entry</i>	
LXC5A01	Short Piston Plunger
LXC5A02	One-Way Roller (Top Actuated)
LXC5A05	One-Way Roller (Side Actuated)
LXC5A07	One-Way Roller (Adjustable)
LXC5A08	Piston Plunger (Sealed)
LXC5A13	M18 Piston Plunger
LXC5A15	11mm Roller Plunger
LXC5A20	Coil Spring & Rod (Sealed)
LXC5A21	Cats Whisker
LXC5A25	Coiled Spring (Sealed)
LXC5A31	Roller Lever
LXC5A33	Lever Rod (Square)
LXC5A50	Lever Rod (Round)
LXC5A51	Large Offset Roller Lever
LXC5A52	Roller Lever Long
LXC5A54	Offset Roller Lever
LXC5A55	Adjustable Roller Lever
LXC5A69	Lever Rod (Glass Fibre)

Compact Metal Body Limit Switches



IP67 Rated



Part Number	Description
<i>Single Conduit Entry</i>	
LMC5A01	Short Piston Plunger
LMC5A02	One-Way Roller (Top Actuated)
LMC5A05	One-Way Roller (Side Actuated)
LMC5A07	One-Way Roller (Adjustable)
LMC5A08	Piston Plunger (Sealed)
LMC5A13	M18 Piston Plunger
LMC5A15	11mm Roller Plunger
LMC5A20	Coil Spring & Rod (Sealed)
LMC5A21	Cats Whisker
LMC5A25	Coiled Spring (Sealed)
LMC5A31	Roller Lever
LMC5A33	Lever Rod (Square)
LMC5A50	Lever Rod (Round)
LMC5A51	Large Offset Roller Lever
LMC5A52	Roller Lever Long
LMC5A54	Offset Roller Lever
LMC5A55	Adjustable Roller Lever
LMC5A69	Lever Rod (Glass Fibre)

Standard Metal Body Limit Switches



IP67 Rated



Part Number	Description
<i>Single Conduit Entry</i>	
LDC5A35	Adjustable Roller Lever
LDC5A25	Sealed Coiled Spring
LDC5A31-1	Steel Roller Lever With Offset
LDC5A31	Roller Lever With Offset
LDC5A41	Two Stable Positions, 1 Track
LDC5A05	One Way Roller Side Actuation
LDC5A20	Sealed Coil Spring + Rod
LDC5A10	Sealed Piston Plunger

We can supply many different configurations and styles, so if you don't see what you are looking for here, refer to www.imopc.com or contact IMO for more information and pricing.



IMO STARLINE CATALOGUE

PRICING GROUP

104

Safety Limit Switches

8 Body Styles With Numerous Contact Blocks & Actuators



Standard Metal Body Limit Switches



IP67 Rated



Part Number	Description
LDC18MR-F120	90° Key NO NC Controlled by Lock Metal Body
LDC6JK-F1	90° Actuator NO+NC Metal Body
LDC6JK-F2	Flat Actuator NO+NC Metal Body
LDC9JK-F	Flat Actuator 2NC Metal Body
LDC9R2-F120	90° Key 2NC w/Delayed Key Metal Body
LDC20R2-F	Flat Actuator NO+2NC w/Delayed Key Metal Body
LDC20R2-F1	90° Key NO+2NC w/Delayed Key Metal Body
LPC9R2-F1	90° Key 2NC w/Delayed Release Plastic Body

Metal Body Rope Switches



IP67 Rated



Part Number	Description
LDC18RRL	NO+NC 90° Head to Left + Reset
LDC18RRR	NO+NC 90° Head to Right + Reset
LDC18RRS	NO+NC Head Straight + Reset
LDC20RRS	NO+2NC Slow Action BBM + Reset
LDC9RRL	2NC Head 90° to Left + Reset
LDC9RRR	2NC Head 90° to Right + Reset
LDC9RRS	2NC Head Straight + Reset
LLC9RRS	2NC + Reset

Solenoid Door Interlock



IP67 Rated



Part Number	Description
LGMSAS1D0Z-F28	24VAC/DC Univ Ac. NO+NC NO+NC On to Release
LGMSAS1E0Z	24AC/DC No Act NO+NC, NO+NC Off to Release
LGMSAS1E3Z	12VDC No Act NO+NC NO+NC Off to Release
LGMSPS1E0A	24VAC/DC No Act NC 3NC Off to Release 2LED
PSC1860F120-F	120VA/DC Flat Act NO+NC On to Release
PSC2060F024-F	24VAC/DC Flat Act NO+2NC On to Release
PSC2060F024-F1	24VAC/DC 90° Act NO+2NC On to Release
PSC2060F024-F2	24VAC/DC Flex Act NO+2NC On to Release
PSC2060F024-F3	24VAC/DC Adj Act NO+2NC On to Release
PSC2060N024-F	24VAC/DC Flat Act NO+2NC Off to Release
PSC2060N024-F1	24VAC/DC 90° Act NO+2NC Off to Release
PSC2860F024-F1	24VAC/DC 90° Act NC NO+NC On to Release/Key
PSC2860N024-F3	24VAC/DC Adj Act NC NO+NC Off to Release
PSC2960F024-F3	24VAC/DC Adj Act NC 2NC On to Release
PSC2960F120-F320	120VA/DC Adj Act NC 2NC On to Release
PSC3060F024-F7	24VAC/DC Jointed Act 2NC NC On to Release
PSC3060N024-F1	24VAC/DC 90° Act 2NC NC Off to Release

Compact Plastic Door Interlock



IP67 Rated



Part Number	Description
LRC18CH	Hinge Operated NO+NC Slow Action
LRC20JK	No Actuator NO+2NC Slow Action
LRC20JK-D	Flat Actuator NO+2NC Slow Action
LRC20JK-D2	Flexible Actuator NO+2NC Slow Action
LRC6JK-D	Flat Actuator NO+NC Slow Action
LRC6JK-D1	90° Actuator NO+NC Slow Action
LRC6JK-D2	Flexible Actuator NO+NC Slow Action
LRC6JK-DX70	Flat Actuator NO+NC Slow Action M12 Plug
LRC6JK-D1X70	90° Actuator NO+NC Slow Action M12 Plug
LRC9JK	Without Key 2NC
LRC9JK-D	Flat Actuator 2NC
LRC9JK-D1	90° Actuator 2NC
LRC9JK-D3	Adjustable Act 2NC
LWC33DK-20	No Act NO+NC Slow Action 2xM20 Entry
LRC18CH-L6	Hinge Operated NO+ NC & 120.5mm Solid Shaft

We can supply many different configurations and styles, so if you don't see what you are looking for here, refer to www.imopc.com or contact IMO for more information and pricing.

PRICING GROUP
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Signal Conditioning

Range of inputs inc. 4-20mA, thermocouple, frequency, RTD & voltage signals



SLIMCON Signal Conditioning



Part Number	Description
SLIMCON-6	Configurable Input & Output - mA or V
SLIMCON-6-FC ⁽¹⁾	Configurable Input & Output - mA or V

⁽¹⁾ Pre-set factory configured I/P & O/P according to customer requirement

ISOCON Signal Conditioning



Part Number	Description
ISOCON-3	90-264VAC Selectable Input & Output
ISOCON-3-FC ⁽¹⁾	90-264VAC Selectable Input & Output
ISOCON-3-STRAIN	Configurable, 10VDC Excitation Voltage
ISOCON-6	12-36VDC or 12-32VAC Selectable I/O
ISOCON-6-FC ⁽¹⁾	12-36VDC or 12-32VAC Selectable I/O
ISOCON-6-STRAIN	Configurable, 10VDC Excitation Voltage
VCONHL-FC ⁽¹⁾	AC Amp Input, Output Volts / mA

⁽¹⁾ Pre-set factory configured I/P & O/P according to customer requirement

DUALCON Signal Conditioning



Part Number	Description
DUALCON-3	90-264VAC 1 UAI, 2 AO
DUALCON-6	18-32VAC/DC 1 UAI, 2 AO
DUALCON-6-FC ⁽¹⁾	18-32VAC/DC 1 UAI, 2 AO

⁽¹⁾ Pre-set factory configured I/P & O/P according to customer requirement

PRICING GROUP
109

Capacitive & Ultrasonic Sensors



Capacitive Sensors

IP67 Rated



Part Number	Description
C18P/BP-1A	Cap. Sensor M18 8mm AC
C18P/A0-1E	Cap. Sensor M18 8mm AC
C30P/00-1E	Cap. Sensor M30 16mm AC SCR
C30M/00-1E	Cap. Sensor M30 16mm AC SCR SS Body

Ultrasonic Sensors

IP67 Rated



Part Number	Description
UK1C/G1-0E	Ultrasonic Sensor 0.9m 0-10V
UK1D/G1-0E	Ultrasonic Sensor 1.6m 0-10V
UK1D/G2-0E	Ultrasonic Sensor 1.5m 4-20mA

We can supply many different configurations and styles, so if you don't see what you are looking for here, refer to www.imopc.com or contact IMO for more information and pricing.



IMO STARLINE CATALOGUE

PRICING GROUP
109

Photoelectric Sensors Infrared, Visible Red LED & Red Laser Models



QD Miniature Sensors



Dimensions: 21 x 31.2 x 12.8mm
IP67 Rated



Part Number	Description
QDRP1/OP-OF	Polarized-Retro 5m PNP
QDID4/OP-OF	Diffuse Reflection 1.5m PNP
QDRP1/ON-OF	Polarized-Retro 5m NPN
QDID4/ON-OF	Diffuse Reflection 1.5m NPN
QDIP2/OP-0A	Polarized-Retro 7m PNP
QDRBS/OP-OF	Diffuse Reflection 0.1m PNP BGS
QDIBS/OP-OF	Diffuse Reflection M8 Plug PNP BGS
QDRCM1/OP-OF	Polarized-Retro M8 Plug PNP
QDRD2/OP-OF	Diffuse Reflection M8 Plug PNP
QDRE/00-OF	Through-Beam Emitter M8 Plug
QDRER/ON-OF	Through-Beam TX & RX M8 Plug NPN
QDRR/ON-OF	Through-Beam Receiver M8 Plug NPN

NOTE: BGS = Background Suppression

M18 Barrel Photoelectric Sensors



FA: IP67 Rated
FF: IP67, IP68 & IP69K



Part Number	Description
FAI7/BP-0E	Diffuse Infrared 0.4m PNP
FAI4/BP-0E	Diffuse Infrared 0.2m PNP
FAIC/BP-0E	Retro-Reflective Infrared 4m PNP
FAIH/00-0E	Through Beam-Emitter Infrared
FAID/OP-0E	Through Beam-Receiver Infrared 20m PNP
FFI7/BP-1E	Diffuse 0.4m PNP*
FFI8/BP-1E	Diffuse 0.8m PNP*
FFIH/00-1E	Through-Beam Emitter*
FFIZ/BN-1E	Through-Beam Receiver 20m NPN*
FFIZ/BP-1E	Through-Beam Receiver 20m PNP*
FFRL/BP-1E	Polarized-Retro 1m PNP*
FFRN/BP-1E	Polarized-Retro 4m PNP*
Red Laser Models	
FAL4/BP-1E	Diffuse Reflection PNP Sn=300mm Adjustable*
FALD/BN-1E	Through-Beam Receiver Sn=50m Adjustable*
FALD/BP-1E	Through-Beam Receiver PNP Sn=50m Adjustable*
FALD/BP-3E	Through-Beam Receiver PNP Sn=50m Adjustable 90° Optic*
FALH/X0-0E	Through-Beam Emitter With Check Input**
FALH/X0-1E	Through-Beam Emitter With Check Input*
FALN/BN-0E	Polarized-Retro Reflective NPN Sn=35m Adj.**
FALN/BN-1E	Polarized-Retro Reflective NPN Sn=35m Adjustable*
FALN/BN-3E	Polarized-Retro Reflective NPN Sn=35m Adjustable 90° Optic*
FALN/BP-0E	Polarized Retro Reflective PNP Sn=35m Adjustable**
FALN/BP-1E	Polarized-Retro Reflective PNP Sn=30m*
FALN/BP-3E	Polarized-Retro Reflective PNP Sn=30m 90° Optic*

* Metal body ** PBT body

Compact Photoelectric Sensors



Dimensions: 50 x 50 x 17mm
IP67 Rated



Part Number	Description
SQE/OA20-C	Through-beam Emitter 20m AC
SQG/B00.5-P	Diffuse 0.5m DC Background Suppression
SQP/C06-C	Polarized Retro 6m AC SPDT RLY
SQR/C020-C	Through-beam Receiver 20m AC SPDT RLY
SQD/B01-C	Diffuse Sn= 1000mm
SQD/B01-P	Diffuse Sn= 1000mm
SQD/B02-C	Diffuse Sn= 2000mm
SQD/B02-P	Diffuse Sn= 2000mm
SQD/C01-C	Diffuse Sn= 1000mm
SQD/C02-C	Diffuse Sn= 2000mm
SQE/OD20-C	Through-beam Emitter Sn=20m
SQE/OD20-P	Through-beam Emitter Sn=20m
SQG/B00.5-C	Diffuse BS Sn= 120mm to 500mm
SQP/B06-C	Polarized Retro Sn=6m
SQP/B06-P	Polarized Retro Sn=6m
SQR/B020-C	Through-beam Receiver Sn=20m
SQR/B020-P	Through-beam Receiver Sn=20m

Photoelectric Area Sensors



IP67 Rated



Part Number	Description
Throughbeam Models	
BX80A/1P-0H	Area Sensor Receiver 2m PNP
BX80S/10-0H	Area Sensor Emitter 2m
BX80A/1P-1H	Area Sensor Receiver 2m PNP Aluminium Body
BX80A/5P-0H	Area Sensor Receiver 0.25m PNP
BX80S/50-0H	Area Sensor Emitter 0.25m
BX80S/10-1H	Area Sensor Emitter 2m Aluminium Body
BX80S/10-1A	Area Sensor Emitter 2m with 2m Cable
Retroreflective Models	
ASPRO/0B-1T	Area Sensor M12 Pigtail DC NO/NC PNP+NPN
ASPRO/0I-1T	Area Sensor M12 Pigtail DC IO Link
ASPRO/0T-1T	Area Sensor M12 Pigtail DC NO/NC Push Pull
ASPRO/BN-1T	Area Sensor M12 Pigtail DC NO+NC NPN

We can supply many different configurations and styles, so if you don't see what you are looking for here, refer to www.imopc.com or contact IMO for more information and pricing.

PRICING GROUP
110

Proximity Sensors

Shielded & Unshielded, Standard & Long Sensing Range Versions



Standard Distance PB Series



IP67 Rated, LED Indication
M12 Plug Exit



Part Number	Description
<i>Shielded Type</i>	
PB0801/DSAP-H	M8 PNP 1.5mm Range 66mm Length
PB1202/DSAP-H	M12 PNP 2mm Range 71mm Length
PB1805/DSAP-H	M18 PNP 5mm Range 62mm Length
PB3010/DSAP-H	M30 PNP 10mm Range 68mm Length
<i>Unshielded Type</i>	
PB0802/DUAP-H	M8 PNP 2mm Range 71mm Length
PB1204/DUAP-H	M12 PNP 4mm Range 70mm Length
PB1808/DUAP-H	M18 PNP 8mm Range 70.5mm Length
PB3015/DUAP-H	M30 PNP 15mm Range 81mm Length

Long Distance PB Series



IP67 Rated, LED Indication
M12 Plug Exit



Part Number	Description
<i>Shielded Type</i>	
PB0801/DSAP-H	M8 PNP 2mm Range 66mm Length
PB1204/DSAP-H	M12 PNP 4mm Range 65mm Length
PB1808/DSAP-H	M18 PNP 8mm Range 62mm Length
PB3015/DSAP-H	M30 PNP 15mm Range 68mm Length
<i>Unshielded Type</i>	
PB0804/DUAN-H*	M8 NPN 4mm Range 50mm Length
PB1207/DUAP-H	M12 PNP 7mm Range 70mm Length
PB1812/DUAP-H	M18 PNP 12mm Range 70.5mm Length
PB3015/DUAP-H	M30 PNP 22mm Range 81mm Length

* 2m Cable Exit. Most devices are available as pre-cabled, or with M12 connector.

Miniature Inductive AA Series



IP67 Rated, LED Indication
Cable or Plug Exit



Part Number	Description
AA1/AN-1A	3mm Dia. Shielded PUR Cable 2m DC NO NPN Sn=0.6mm
AA1/AP-1A	3mm Dia. Shielded PUR Cable 2m DC NO PNP Sn=0.6mm
AA1/CN-1A	3mm Dia. Shielded PUR Cable 2m DC NC NPN Sn=0.6mm
AA1/CP-1A	3mm Dia. Shielded PUR Cable 2m DC NC PNP Sn=0.6mm
AA1/AP-3A	3mm Dia. Shielded PUR Cable 2m DC NO PNP Sn=1mm
AA1/CN-3A	3mm Dia. Shielded PUR Cable 2m DC NC NPN Sn=1mm

Miniature Inductive AC Series



IP67 Rated, LED Indication
Cable or Plug Exit



Part Number	Description
AC1/AN-1A	4mm Dia. Shielded Cable 2m DC NO NPN Sn=0.8mm
AC1/AN-1F	4mm Dia. Shielded M8 Plug 3 Pole DC NO NPN Sn=0.8mm
AC1/AN-3A	4mm Dia. Shielded Cable 2m DC NO NPN Sn=1.5mm
AC1/AN-3F	4mm Dia. Shielded M8 Plug 3 Pole DC NO NPN Sn=1.5mm
AC1/AP-1A	4mm Dia. Shielded Cable 5m DC NO PNP Sn=0.8mm
AC1/AP-1F	4mm Dia. Shielded M8 Plug 3 Pole DC NO PNP Sn=0.8mm
AC1/AP-3A	4mm Dia. Shielded Cable 5m DC NO PNP Sn=1.5mm
AC1/AP-3F	4mm Dia. Shielded M8 Plug 3 Pole DC NO PNP Sn=1.5mm
AC1/CN-1A	4mm Dia. Shielded Cable 2m DC NC NPN Sn=0.8mm
AC1/CN-1F	4mm Dia. Shielded M8 Plug 3 Pole DC NC NPN Sn=0.8mm
AC1/CP-1A	4mm Dia. Shielded Cable 2m DC NC PNP Sn=0.8mm
AC1/CP-1F	4mm Dia. Shielded M8 Plug 3 Pole DC NC PNP Sn=0.8mm

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Standard Distance AD Series



IP67 Rated, LED Indication
Cable or Plug Exit



Part Number	Description
AD1/AP-1A	M5 Shielded Cable 2m DC NO PNP Sn=0.8mm
AD1/AP-1F	M5 Shielded M8 Plug 3 Pole DC NO PNP Sn=0.8mm
AD1/AN-1A	M5 Shielded Cable 2m DC NO NPN Sn=0.8mm
AD1/AN-1F	M5 Shielded M8 Plug 3 Pole DC NO NPN Sn=0.8mm
AD1/CN-1A	M5 Shielded Cable 2m DC NC NPN Sn=0.8mm
AD1/CN-1F	M5 Shielded M8 Plug 3 Pole DC NC NPN Sn=0.8mm
AD1/CP-1A	M5 Shielded Cable 2m DC NC PNP Sn=0.8mm
AD1/CP-1F	M5 Shielded M8 Plug 3 Pole DC NC PNP Sn=0.8mm



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