

# Watts the Difference?

## Comparing Standard vs. Low-Power DC Contactors



### MC Standard Contactor with DC Coil Advantages

Inrush Power Required = 75 to 140W



VS.

### MCD Range Advantages

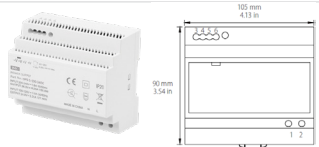

Inrush Power Required = 3 to 4W



- Compact frame size
- Optimised unit cost
- Robust Coil Operation - tolerant of voltage fluctuations

- Minimises the size and cost of the required supply PSU
- Built-in coil suppressor for direct control from PLC
- Built in auxiliary contact
- Reduced Heat Generation = Cooler Panels
- Improved Energy Efficiency
- 5 times the mechanical life of standard contactors

### Comparison Table

	MC Standard Contactor with DC	MCD Range
Frame Size	67 x 45 x 82.5	89 x 45 x 94
Coil Suppression	None	Built In
Auxiliary Contact	Add-on required	Built In
Mechanical Life	10 x 10 <sup>6</sup>	50 x 10 <sup>6</sup>
Inrush Power	75-140W	3-4W
Operation Range of Coils	0.8-1.1	0.8-1.1
Example PSU Size Options	SPS-1-150 (150W)	SPS-1-012 (60)
		

**Extended Life. Compact Power. Cooler Operation. More Headroom.**