

Polarity Masters Phase Coupler

Data Sheet

	3 Phase	2 Phase
Electrical conditions		
Nominal voltage (RMS)	400V	400/460V
Max voltage (RMS)	440V	540V
Impedance @ 50Hz	14.5K Ω	13.5K Ω
Impedance @ 60Hz	12.0K Ω	11.3K Ω
Impedance @ 117KHz	1 Ω	1 Ω
Resonant Frequency	130KHz	126KHz
Current Consumption	<1mA @ 400V AC	
Supply Protection Required	20A max	
Terminal Size	up to 4mm ²	
Environmental conditions		
Working temperature	-20 to +70 ° C	
Storage temperature	-40 to +105 ° C	
Relative humidity	25% to 90% RH non-condensing	
Physical conditions		
Case	Durable UL94V-0 rated ABS/PC blend	
Case colour	Light Grey	
Net dimensions	36.3 mm wide (2 DIN Rail Module) x 90.2 mm high x 57.5 mm deep	
Shipping dimensions	100 mm wide x 100 mm high x 57 mm deep	
Net Weight	67g	76g
Shipping Weight	102g	111g
Mounting	EN 50022 DIN rail TS-35	
Terminals	3x Rising cage screw terminals, Brass Nickel-plated M3	
Maximum wire size	Stranded 4 mm ² (13 AWG)	
Protection rating	IP20 Compliance	
Warranty	1 years	

