



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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› MWS2

› Monitoring Relays

› 3-Phase Monitoring Relays

› Din Rail Mount 17.5 mm Phase Sequence & Phase Failure

- › Control of 3-phase networks : phase sequence, total phase failure
- › Multi-voltage from 3 x 208 to 3 x 480 V
- › Controls its own supply voltage
- › True RMS measurement
- › LED status indication

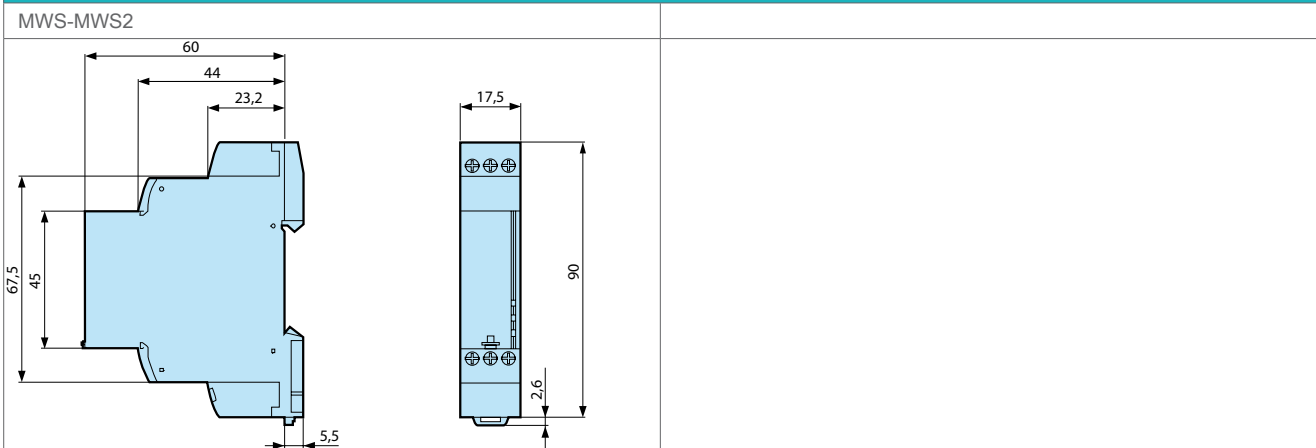


Specifications			
Function	Nominal voltage (V)	Output	Code
Phase sequence, phase failure	3 x 208 → 3 x 440 V AC	2 single pole changeover relay	84873021
Power supply			
AC supply voltage frequency	50 / 60 Hz ± 10 %		
Galvanic isolation of power supply/measurement	No		
Immunity from micro power cuts	60 ms		
Inputs and measuring circuit			
Frequency of measured signal	50 → 60 Hz ± 10 %		
Outputs			
Type of contacts	No cadmium		
Max. breaking current	EMWS - MWS2 : 5 A AC/DC MWS : 8 A AC 250 V AC - 8 A DC 30 V DC		
Maximum rate	360 operations/hour at full load		
Operating categories acc. to IEC/EN 60947-5-1	AC12, AC13, AC14, AC15, DC12, DC13		
Insulation			
Insulation coordination (IEC/EN 60664-1)	Overvoltage category III : degree of pollution 3		
Rated impulse withstand voltage (IEC/EN 60664-1)	4 kV (1,2 / 50 µs)		
Dielectric strength (IEC/EN 60664-1)	2 kV AC 50 Hz 1 min.		
General characteristics			
Display relay	Yellow LED		
Casing	17,5 mm		
Mounting	On 35 mm symmetrical DIN rail, IEC/EN 60715		
Mounting position	All positions		
Material : enclosure plastic type VO to UL94 standard	Incandescent wire test according to IEC/EN 60695-2-11		
Protection (IEC/EN 60529)	Terminal block : IP20 Casing : IP30		
Operating temperature IEC/EN 60068-2	-20 → +50 °C		
Storage temperature IEC/EN 60068-2	-40 → +70 °C		

General characteristics	
Humidity IEC/EN 60068-2-30	2 x 24 hr cycle 95% RH max. without condensation 55 °C
Vibrations according to IEC/EN60068-2-6	10 → 150 Hz, A = 0.035 mm
Shocks IEC/EN 60068-2-6	5 g

Standards	
Product standard	IEC/EN 50178
Electromagnetic compatibility (EMC)	IEC/EN 61000-6-1, IEC/EN 61000-6-2, IEC/EN 61000-6-3, IEC/EN 61000-6-4
Certifications	MWS, MWS2 : CE, UL, CSA EMWS : CE, UL (cULus)
Conformity with environmental directives	RoHS

Dimensions



Connections

