› 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

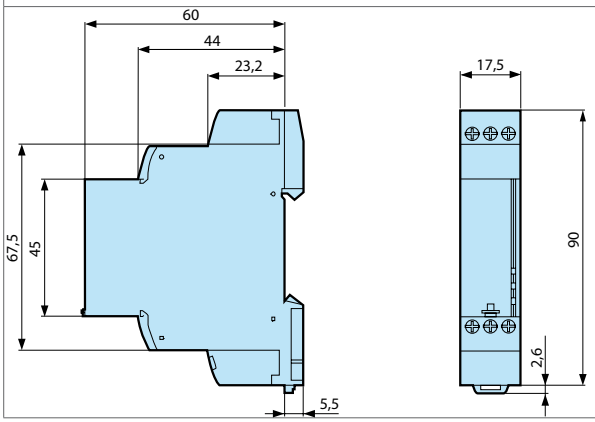
CROUZET CONTROL

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

MWS-MWS2



Connections

MWS2