

Three Phase Indicator

- Compact 17.5 mm Wide
- Available for Single, Two and Three Phase indications
- Choice of four colours
- LED technology for long life
- Integrated front product labeling



Ordering Information

Cat. No.	Description
MM1NDV	240V AC, Single Phase Indicator, Red
MM1NDW	240V AC, Single Phase Indicator, Yellow
MM1NDX	240V AC, Single Phase Indicator, Blue
MM1NDY	240V AC, Single Phase Indicator, Green
MMENDVW	240V AC, Two Phase Indicator, Red & Yellow
MM3ND	240V AC, Three Phase Indicator, Red, Yellow & Blue
MM3NDVH	240V AC, Three Phase Indicator, Red, Yellow & Green
MM3NDVD	240V AC, Three Phase Indicator, Red
MM3NDZ	240V AC, Three Phase Indicator, Green
MM3NDXD	240V AC, Three Phase Indicator, Blue

Three Phase Indicator



Cat. No.		MM1NDV	MMENDVW	MM3ND
Parameters				
Supply Voltage (Φ)		240 VAC		
Supply Variation		-25 to +10%(ofΦ)		
Frequency		50/60Hz		
Power Consumption (Max.)		1.8 W		
Number of Indications		1	2	3
LED Colour	Red	R Phase	R Phase	R Phase
	Yellow	N A	Y Phase	Y Phase
	Blue	N A	N A	B Phase
LED Type		Through Hole (Water Clear)		
LED Size		3mm		
Operating Temperature		- 15° C to +60° C		
Storage Temperature		- 25° C to +80° C		
Humidity (Non Condensing)		95% (Rh)		
Enclosure		Flame Retardant UL94-V0		
Dimension (W x H x D) (in mm)		17.5 X 90 X 65		
Weight (unpacked)		75 g		
Mounting		DIN rail		
Certification				
Degree of Protection		IP 20 for Terminals, IP 30 for Enclosure, IP 40 for Front side		

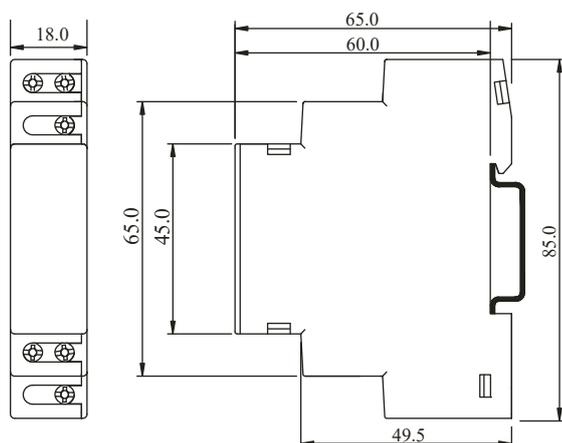
EMI / EMC

Harmonic Current Emissions	IEC 61000-3-2
ESD	IEC 61000-4-2
Radiated Susceptibility	IEC 61000-4-3
Electrical Fast Transients	IEC 61000-4-4
Surges	IEC 61000-4-5
Conducted Susceptibility	IEC 61000-4-6
Voltage Dips & Interruptions (AC)	IEC 61000-4-11
Conducted Emission	CISPR 14-1
Radiated Emission	CISPR 14-1

Environmental

Cold Heat	IEC 60068-2-1
Dry Heat	IEC 60068-2-2
Vibration	IEC 60068-2-6
Repetitive Shock	IEC 60068-2-27
Non-Repetitive Shock	IEC 60068-2-27

MOUNTING DIMENSIONS (mm)



TERMINAL TORQUE & CAPACITY

 Ø 3.5 mm....4.0mm	0.60 N.m (6 Lb.in)
 AWG	1 x 4.0 mm ² Solid/Stranded Wire 1 x 20 to 10