

ELECTRONICS PRODUCTS > PROTECTION CONTROL & TIME RELAYS > MOTOR
PROTECTION RELAYS

P1Y-M1WASFN 170-280

Stock Keeping Unit (SKU): 270282

Motor Protection Relay



Commercial Information

Product Sales Code	270282
Package Unit	1 pcs.
Customs Tariff Number	853649000029
Weight Per Unit Including Packaging	0.08 kg.

Technical Information

General	
Networks	3Ø with neutral
Connection Type	Screw terminal
Protection Class	IP20
Weight G	80
Packaging Quantity	1
Case Width Mm	18
Mounting Type	Rail Mount
Nominal Voltage	170V-280V
Emc Emi	ok

Power Supply	
Voltage	145-520V LL ±20% AC

Frequency	50-60Hz
Consumption	<13VA AC

Environmental Conditions

Operating Temperature	-20 to +60°C
Storage Temperature	-40°C +75°C
Relative Humidity Non Condensing	Max. 95% (no condensation)

Backup Connections

Type	1 C/O (SPDT)
Max Values Ac No Side	10A/250V; 1250 VA
Max Values Dc No Side	5A/30VDC; 150W
Mechanical Operating Life	= 10⁷ operations
Electrical Operating Life No Side	5x10⁴ (5A@250VAC) 1x10⁵ (5A@30VDC)

Monitoring Functions

Phase Loss Delay Time	500 ms
Phase Sequence Delay Time	500 ms
Neutral Loss Delay Time	500 ms
Asymmetry Protection Rangelimit	± (5 - 30%) / Off
Asymmetry Protection Hysteresis	3% x Un
Asymmetry Protection Delay Time	0.1sn .. 10sn
Voltage Protection Upper Limit	± (5 - 30%)
Voltage Protection Lower Limit	
Voltage Protection Delay Time	0.1sn .. 10sn
Number Of Props For Liquid Level Monitoring	
Liquid Level Monitoring Sensitivity	
Liquid Level Monitoring Delay Time	
Light Intensity Monitoring Limit	
Light Intensity Monitoring Delay Time	
Frequency Protection Upper Limit	
Frequency Protection Lower Limit	
Frequency Protection Delay Time	

Ptc Protection Short Circuit Threshold	
Ptc Protection High Value Threshold	
Ptc Protection Delay Time	
Voltage Protection Hysteresis	3% x Un
