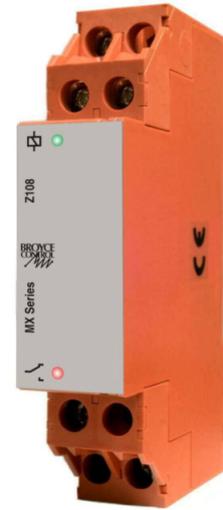


## EL-PM

### Single Phase, Under Voltage Relay

#### Features

- ▶ Monitors health of mains lighting final circuit
- ▶ Output operates within 60-85% of the nominal lighting supply voltage
- ▶ Provides signal to Nepto control panel
- ▶ DIN Rail mounting
- ▶ Occupies 1 module space (18mm) in distribution board



#### Specification

Supply / monitoring voltage Un* (A1, A2):	230V AC
Frequency range:	48-63Hz
Supply variation	60-115% of Un
Isolation	Over voltage cat. 111
Rated impulse withstand voltage:	4kV (1.2 / 50µS) IEC 60664
Power consumption: (max)	< 8VA
Trip Levels: Under:	fixed at 75% of Un (172V)
Trip accuracy	± 2%
Hysteresis:	≈ 13% of trip level (factory set at 195 V)
Repeat accuracy:	± 0.5% @ constant conditions
Time delay (t1 / t2):	<300mS
Power on delay (Td):	≈ 1sec. (worst case = Td x 2)
Ambient temp:	-20 to +60°C
Relative humidity:	+95%
Output (15, 16, 18):	SPDT relay
Output rating:	AC1 250V 8A (2000VA) AC15 250V 5A (no), 3A (nc) DC1 25V 8A (200W)
Electrical life:	≥ 150,000 ops at rated load
Dielectric voltage:	2kV AC (rms) IEC 60947-1
Rated impulse withstand voltage:	4kV (1.2 / 50µS) IEC 60664
Housing:	Orange flame retardant UL94 VO
Weight:	≈ 60g
Terminal conductor size:	≤ 2 x 2.5mm <sup>2</sup> solid or stranded
Approvals:	Conforms to IEC. CE and RoHS Compliant.



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