

### Haydon's range of multi way metal cased PSUs use the latest technology PTC fuses, eliminating replacing fuses after overvoltage or short circuit occurs

When traditional fuses are being used for overcurrent protection it can only protect once then it must be replaced. The PTC resettable fuse is a new-type of overcurrent protection element which has two functions providing overcurrent protection and automatic reset.

The overcurrent protection PTC element is serially connected to the circuit and under normal circumstances it provides a low resistance state and can ensure the normal working of the circuit. If a short circuit or unusually high current occurs, the PTC fuses cut in to reduce the voltage down to a trickle thus preventing damage and protecting the equipment.

The PTC fuse will automatically reset once the fault in the overcurrent is removed. The PTC elements will automatically return to its low resistance state, which not only avoids maintenance or replacement but also avoids a continuously circulating switching state which can cause circuit damage.

### 24vAC Inline Power Supplies

Model	HAY- PSUINLINE1A – 24V	HAY- PSUINLINE2A – 24V
Input Range	240 VAC	240 VAC
Input Frequency	50	50
Leakage Current	< 0.5 mA	< 0.5 mA
Rated Output Power	24VA	48VA
Output Voltage	24 VAC±5%	24 VAC±5%
Output Current	1AMP	2AMP
Output Load Efficiency	≥ 70% Min	≥ 70% Min
Adjustment Range	Fixed	Fixed
Insulation Class	B (130°C)	B (130°C)
Protection Class	IP20	IP20
EMC Test	EN55014- 1/-2 EN61000-3-2/-3-3	EN55010- 1/-2 EN61000-3-2/-3-3
Safety Approval	BS EN61558-1/-2-6	BS EN61558-1/-2-6
Operating Temp	- 10°C to 40°C	- 10°C to 40°C
Storage Temp	- 20°C to 70°C	- 20°C to 70°C
Operating Humidity	0% to 90% RH	0% to 90% RH
Size	89.5 x 68 x 58.5mm	105 x 92.5 x 65mm
Cable Length	3.8m	3.8m
UK Plug & 2.1mm Socket	YES	YES

**HAY- PSUINLINE1A – 24V**



**HAY- PSUINLINE2A – 24V**

