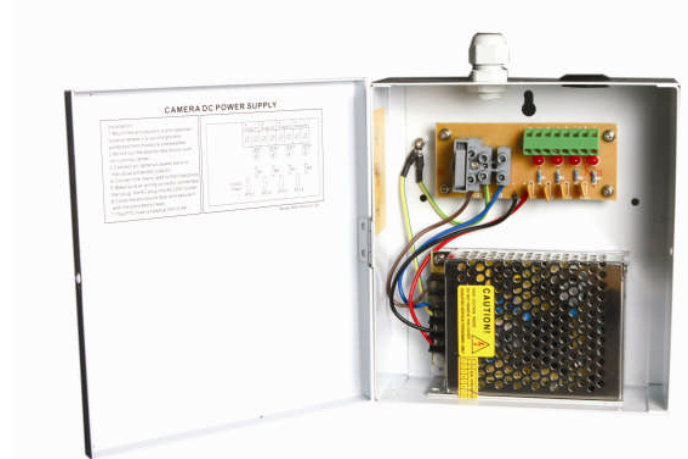


**Haydon's range of compact multi way metal cased PSUs use the latest technology PTC fuses, eliminating replacing fuses after overvoltage or short circuit occurs**

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.



### 12VDC Compact Metal Boxed Multi Output

	HAY-PSU412-2A	HAY-PSU412-4A
Input Voltage	90–264V50Hz Rated 3amp main fuse	90–264V50Hz Rated 3amp main fuse
Outputs	4x 12vDC Outputs	4x 12vDC Outputs
Maximum Output	<b>2Amps</b>	<b>4Amps</b>
Auto Reset PTC Fuse for each Output	Maximum Per Output 0.9Amps **Not exceeding 2Amps Total Output**	Maximum Per Output 1.35Amps **Not exceeding 4Amps Total Output**
Surge Protected		
Regulated & Filtered		
Operating Temperature	-10°C to 50°C	-10°C to 50°C
Storage Temperature	-20°C to +85°C	-20°C to +85°C
Operating Relative Humidity	Up to 90% non condensing	Up to 90% non condensing
Internal ON/OFF Power Switch		
Individual LED Output Indicator		
Dimensions	18 x 15 x 5cm Weight 1.0 Kg	18 x 15 x 5cm Weight 1.2Kgs
CE & RoHS Compliant		

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### 12VDC Metal Boxed Multi Output

	HAY-PSU412-5A	HAY-PSU412-10A	HAY-PSU912-5A	HAY-PSU912-10A	HAY-PSU1612-10A	HAY-PSU1612-20A
Input Voltage	187-253V Rated 3amp main fuse	187-253V Rated 3amp main fuse	187-253V Rated 3amp main fuse	187-253V Rated 3amp main fuse	187-253V Rated 3amp main fuse	187-253V Rated 3amp main fuse
Outputs	4 x 12VDC Outputs	4 x 12VDC Outputs	9x 12VDC Outputs	9x 12VDC Outputs	16x 12VDC Outputs	16x 12VDC Outputs
Maximum Output	<b>5 Amps</b>	<b>10Amps</b>	<b>5 Amps</b>	<b>10Amps</b>	<b>10Amps</b>	<b>20Amps</b>
Auto Reset PTC Fuse for each Output	Maximum Per Output 1.6 Amps *Not exceeding 5 Amps Total Output*	Maximum Per Output 2.5Amps *Not exceeding 10Amps Total Output*	Maximum Per Output 1.1Amps *Not exceeding 5Amps Total Output*	Maximum Per Output 1.1Amps *Not exceeding 10Amps Total Output*	Maximum Per Output 1.1Amps *Not exceeding 10Amps Total Output*	Maximum Per Output 1.6 Amps *Not exceeding 20Amps Total Output*
Regulated & Filtered	✓	✓	✓	✓	✓	✓
Surge Protected	⚡✓	⚡✓	⚡✓	⚡✓	⚡✓	⚡✓
Internal ON/OFF Power Switch	✓	✓	✓	✓	✓	✓
Individual LED Output Indicator	✓	✓	✓	✓	✓	✓
Dimensions	9 x 21 x 24.5 cm Weight 2.75Kgs	9 x 21 x 24.5 cm Weight 2.75Kgs	9 x 21 x 24.5 cm Weight 2.75Kgs	9 x 21 x 24.5 cm Weight 2.75Kgs	9 x 21 x 24.5 cm Weight 2.75Kgs	9 x 21 x 24.5 cm Weight 3.2 Kgs
CE & RoHS Compliant	✓	✓	✓	✓	✓	✓

All Models: Storage Temperature -20 to 85C ; Operating Temperature -10 to 50C ; Operating Relative Humidity 0-90%  
All Models: White Powder Coated Steel Enclosure with PG9 Cable Gland & Knockouts for Conduit Entry



### PTC Fuse Examples:

**HAY-PSU412-5A**  
**Total Output = 5amps**  
**Each fuse can output up to 1.6 amps but the unit cannot exceed 5 Amps total**  
**E.G. (3 x 1.5A) + (1 x 500Ma) = 5amps**  
**(1 x 1.6A) + (2 x 1.2A) + (1 x 1) = 5amps**