HAY-PSU12/24V8/4A-8W

Overview

12 or 24vdc power supply offering 8 or 4 amps power. This product includes a versatile 8 way fuse board with independent switchable outputs which can be triggered via the relay using NC, NO + or - (5-24vdc)
Each time the relay is triggered the individual outputs are set to either hold or drop the power where required to each device.
The enclosure can house 2x 7.0AH batteries.

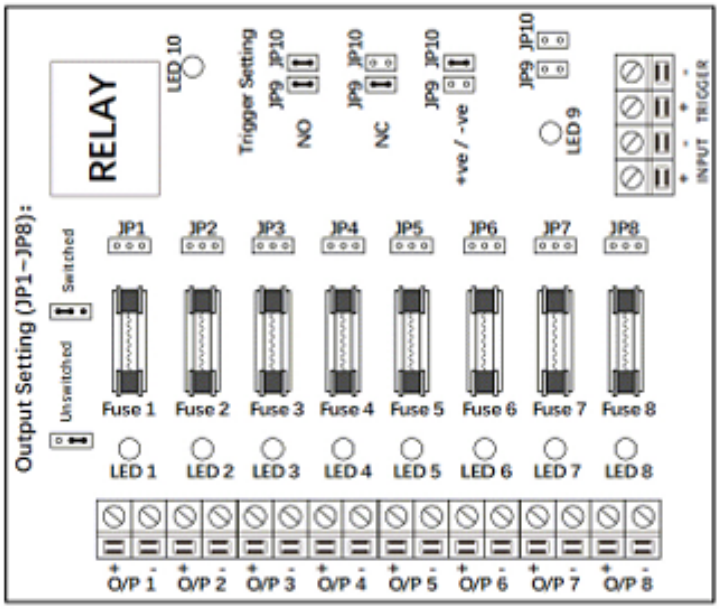
- Input: 100~240Vac 50~60Hz
- Main Fuse: F3A
- Mains Output 12V Mode: 13.2~14.0vdc (13.8vdc nominal), Max 8 Amp
- Mains Output 24V Mode : 27.0~28.0vdc, (27.6vdc nominal), Max 4 Amp
- Battery Output 12V Mode: 10.5~12.4vdc
- Battery Output 24V Mode:21.0 ~ 24.7vdc
- Additional Outputs: Mains and Independent relays
- Charge current: 0.7A max
- Charger fuse: 0.5a PTC
- Panel Indicators: Mains/Fault
- Output Fuse: F8A @12v default, change to F4A @24v
- Number of Outputs: 8 x 1 amp in 12v mode
- Fuse board relay can be triggered by N/C, N/O, +ve or -ve (5-24vdc)
- Protection: Over-current/ Over-load/ Over-charge/Over-discharge
- Battery Capacity: 2 x 12v/ 7Ah Max
- Tamper: Front and Rear
- Dimensions: W 330 x H 365 x D 85 mm
- Warranty: 3 Years
- Accessories: Fuses 1x8A, 1x4A, 1x3A, 1x2A
  1xPG11 Gland, 2x M20 Rubber Grommets, 4x Plastic Sticky Feet, 1x pair of Battery Leads and 1x Battery Jumper Lead

Rev: Aug 26

Haydon Marketing Limited, Unit 3, The Furlong, Berryhill Industrial Estate, Droitwich, UK, WR9 9AH
Website: www.haydonmarketing.com Email: enquiries@haydonmarketing.com
Telephone: 0044 (0)1905 772222 Fax: 0044 (0)1905 779555

HAY-PSU12/24V8/4A-8W

Fuse Board Connections



Terminals:

INPUT + : 12/24VDC from PSU O/P
INPUT - : 0V from PSU O/P
Trigger + : Trigger I/P from control device (+VE or Contact)
Trigger - : Trigger I/P from control device (0V or Contact)
O/P1~8 +: 12/24VDC output to load(un-switched or switched via relay)
O/P1~8 -: 0V output to load (Common 0V)
JP1~8：To set the O/P to switchable or un-switchable
JP9&JP10：To set the type of trigger signal, N.O or N.C or +ve or -ve

Fire Relay Trigger Configulation

Trigger Select	Jumpers	Trigger + & -	Indiactor LED10	O/P +
N.O	JP9:ON	Close	Off	No Output
	JP10:ON	Open	ON	+12/24V
N.C	JP9:ON	Close	ON	+12/24V
	JP10:OFF	Open	Off	No Output
+ve or -ve	JP9:OFF	Applied	ON	+12/24V
	JP10:ON	Removed	Off	No Output

Note1: Trigger terminals +&- are only polarity conscious when used in +ve or -ve mode.
Note 2: when trigger is -ve mode, its power source has to be a seperate PSU.

Rev: Aug 26

Haydon Marketing Limited, Unit 3, The Furlong, Berryhill Industrial Estate, Droitwich, UK, WR9 9AH
Website: www.haydonmarketing.com Email: enquiries@haydonmarketing.com
Telephone: 0044 (0)1905 772222 Fax: 0044 (0)1905 779555