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PISA-B

PISA-B-812-B1
ECB 8ch 2x1-12A, 6x1-10A Common Alarm



- Digital or common signal
- 8 separate adjustable outputs
- NEC CLASS2
- 52 mm wide
- Fast or Slow Characteristics

PRODUCT DESCRIPTION

TECHNICAL DATA

OUTPUT DATA

Output current max	40 A

DIMENSIONS

Width	52 mm
Depth	130 mm
Height	124 mm

CONNECTION DATA

IP class	IP20

APPROVALS

Approvals	CB, CE, cULus

ADDITIONAL DATA

Weight	0.37 kg

Output voltage	24 V DC
Output current per channel	Channel 1-2, 1-12A, Channel 3-8, 1-10A
Clamp type	Push in
Input voltage dc max	30 V DC
Input voltage dc min	19.2 V DC

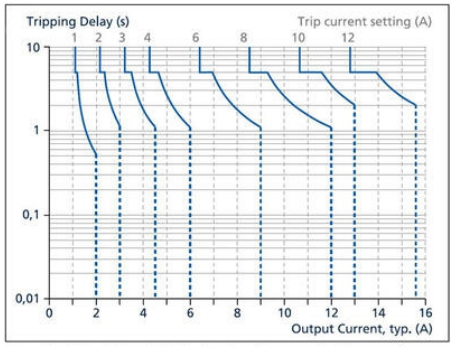


Fig. 6-1: CH1 and CH2 tripping diagrams in Slow mode

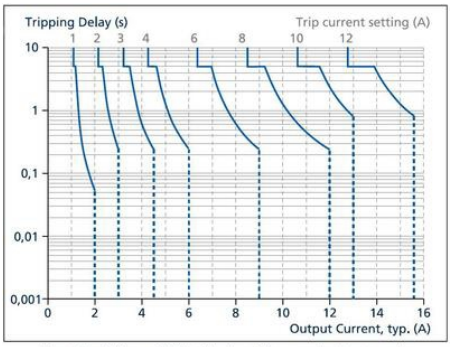


Fig. 6-2: CH1 and CH2 tripping diagrams in Fast mode

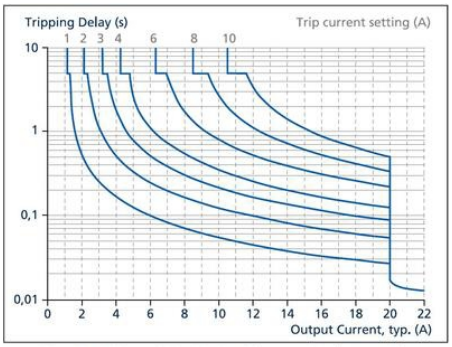


Fig. 6-3: CH3 to CH8 tripping diagrams in Slow mode

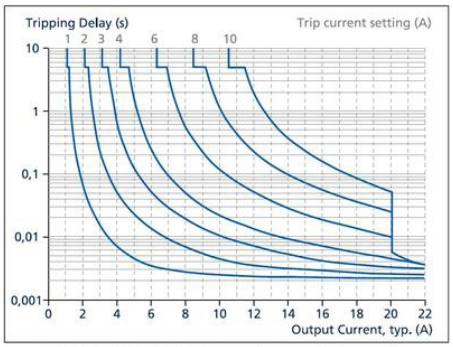


Fig. 6-4: CH3 to CH8 tripping diagrams in Fast mode



Fig. 7-2: LED Light pattern in measurement mode

Description:
Channel 1 is loaded with 40-60% of the set current
Channel 2 has tripped due to over current
Channel 3 is turned off on purpose (with push-button)
Channel 4 is loaded with 80-100% of the set current
Channel 5 is turned off on purpose (with push-button)
Channel 6 is loaded with 40-60% of the set current current
Channel 7 is loaded with 0-10% of the set current current
Channel 8 has tripped due to over current

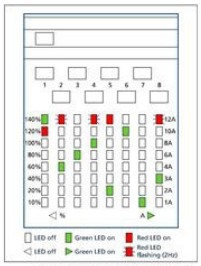
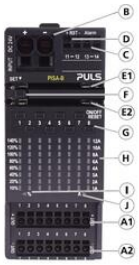


Fig. 7-3: LED Light pattern in parameter mode

Description:
Channel 1 is set to 12A but turned off with push-button
Channel 2 is set to 4A but has tripped due to over current
Channel 3 is set to 6A and output is on
Channel 4 is set to 8A, but has tripped due to over current
Channel 5 is set to 2A but turned off with push-button
Channel 6 is set to 10A and output is on
Channel 7 is set to 1A and output is on
Channel 8 is set to 3A but has tripped due to over current



- **A** **Output terminals CH1 – CH8**
  - **A1: (+)** Positive output poles
  - **A2: (–)** Negative (return) output poles
- **B** **Input terminals**
  - **(+)** Positive input pole
  - **(–)** Negative (return) input pole
- **C** **Alarm signal** (pin 13-14)
  PISA-B-812-B1: Relay contact
  PISA-B-812-B4: Digital coded signal
- **D** **Signal input to restart switched-off channels** (pin 11-12)
- **E** **Slot for interconnecting power-bus-bar for supply voltage**
  E1: Interconnection for positive input power-bus-bar
  E2: Interconnection for negative (return) input power-bus-bar
- **F** **Set button required for controlling the unit**
- **G** **Channel control buttons**
- **H** **LED matrix display**
- **I** **LED which indicates percentage values of the LED matrix**
- **J** **LED which indicates ampere values of the LED matrix**

