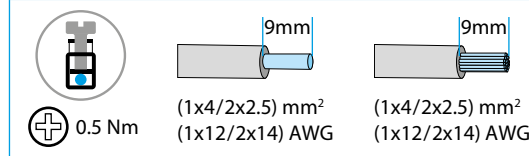




78.2E

IN	<b>78.2E.1.230.241x</b> $U_N$ (110...240)V AC (50/60 Hz)/DC $U_{min} - U_{max}$ 88–265 V AC (50/60 Hz) $U_{min} - U_{max}$ 90–275 V DC $P < 2.8$ W (@ 88 V)
OUT	- [IN 230 V AC, (–20...+40)°C] 10.8 A (max 25 A – 5 ms) 24 V DC, 250 W - [IN (88...275)V, 50°C] $I_N$ 10 A, 24 V DC, 240 W
	(–20...+70)°C
IP20	

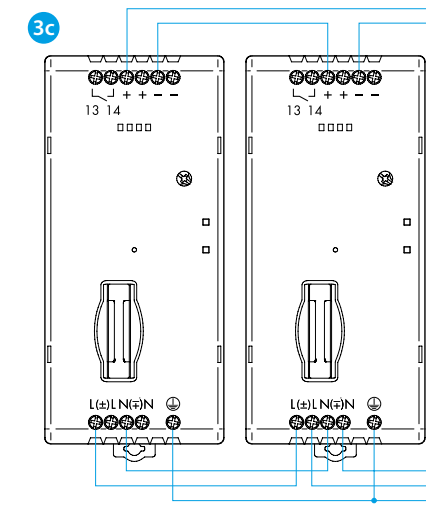
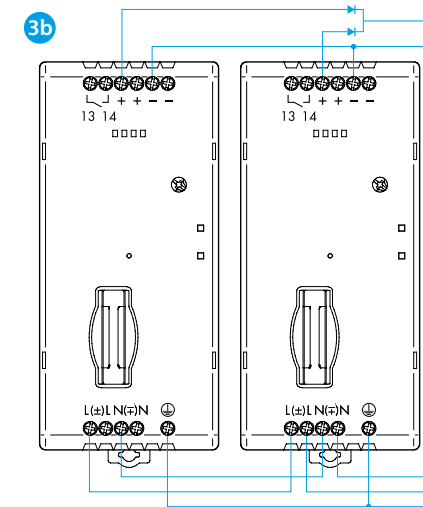
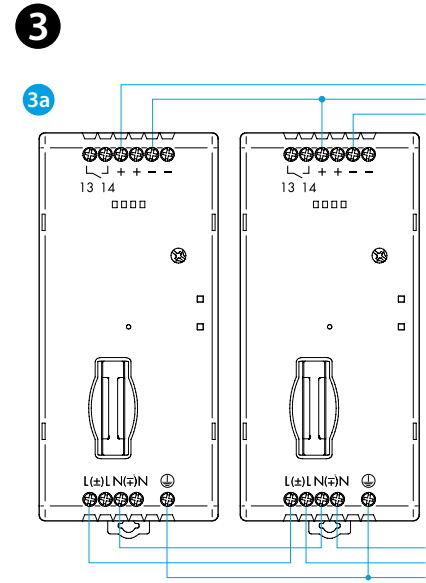
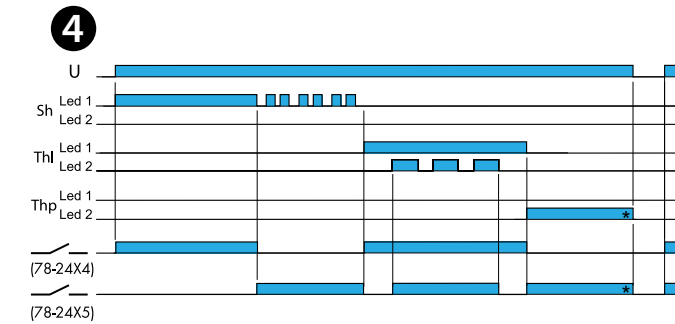
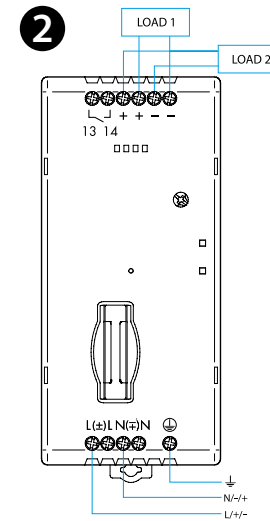
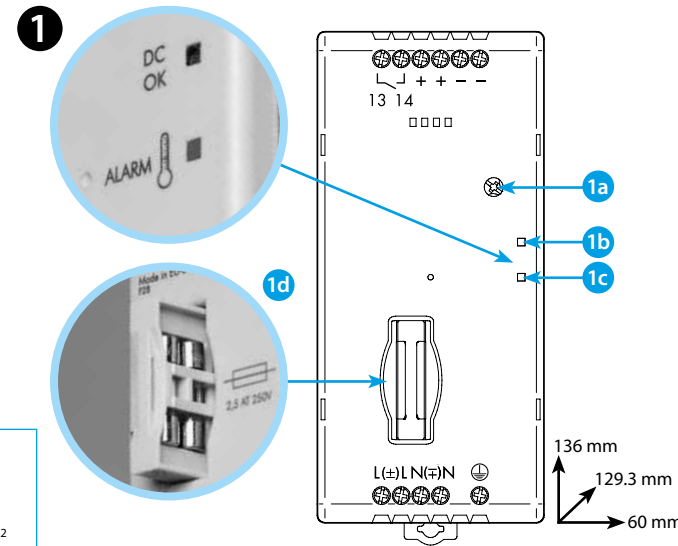


Installation Environmental Conditions

- Open Type Equipment - Pollution Degree-2 Installation Environment
- Maximum Surrounding Air Temperature 40°C
- Use 60°C/75°C copper (CU) conductor and wire ranges No. 14-18 AWG, stranded or solid
- The terminal tightening torque of 0.5 Nm



Utility Model - IB782EVXX - 04/18 - FINDER S.p.A. - 10040 ALMESE (TO) - ITALY



## ENGLISH

### 78.2E SWITCH MODE POWER SUPPLY

- DIMENSIONS / FRONT VIEW**
  - 1a Nominal output voltage 24 V DC adjustable between 24 and 28 V
  - 1b Green LED: Indication of output status
  - 1c Red LED: Thermal protection with warning and alarm
  - 1d Fuse protection of input supply (plus spare)
- CONNECTIONS**
- WIRING DIAGRAM EXAMPLES**
  - 3a Dual connection - for a Bipolar supply
  - 3b Parallel connection ( $I \leq 2 \times I_N$ )
  - 3c Series connection - for increased output voltage
- LED INDICATION AND FUNCTION**
  - U AC/DC Supply
  - Sh Short circuit
  - Thl Thermal limit
  - Thp Thermal protection \*(to reset, remove the supply)
  - Led1 (1b) LED Green
  - Led2 (1c) LED Red

#### NOTE

- Efficiency: 93% @ 230 V AC
- Automatic short circuit protection
- Thermal protection with warning and alarm, via LED and auxiliary contact
- Two-stage power conversion with active PFC (Power Factor Correction)
- Fuse: 3.15A-T
- **78.2E.1.230.2414**: Positive safety logic contact.  
Make output contact opens if the relay detects an error.  
This version is suitable, for example, for signalling to a remote PLC all those alarms representing a service interruption of the power supply output
- **78.2E.1.230.2415** Pre-alarm contact.  
The NO contact (13-14) closes when an anomaly happens (short circuit, thermal limit, thermal protection)

