
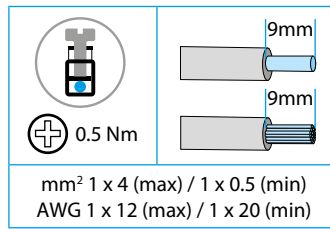




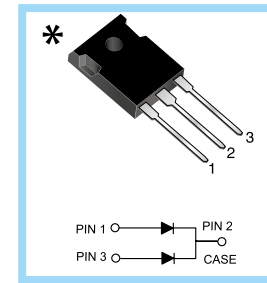
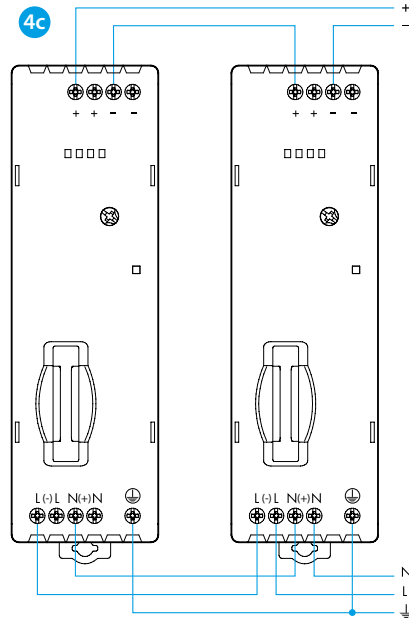
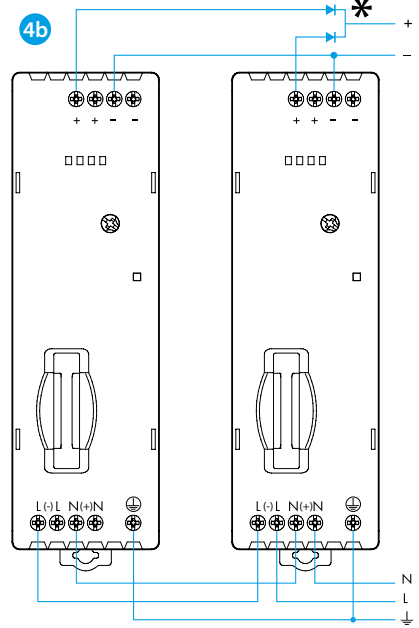
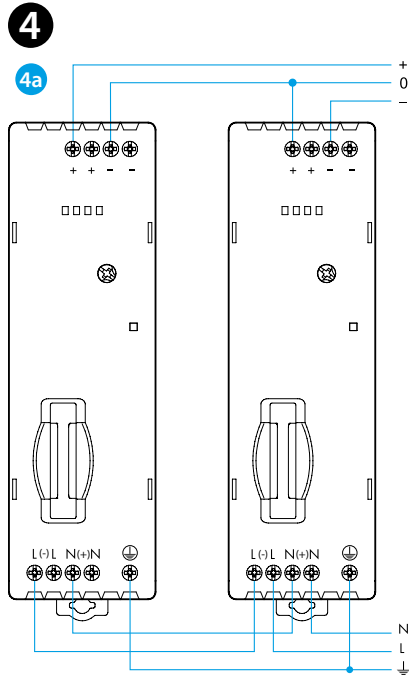
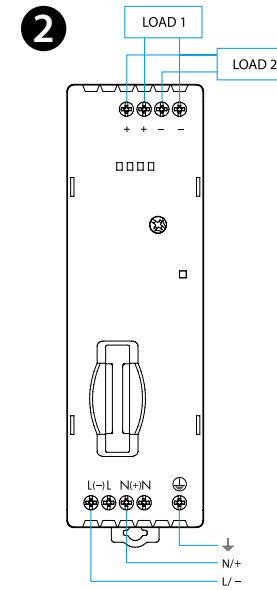
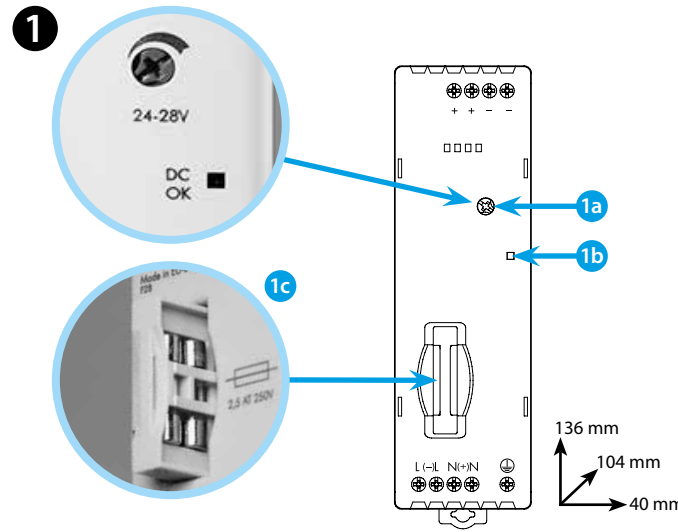


78.1B

IN	78.1B.1.230.2403 U_N (120...240)V AC (50/60 Hz) U_N 220 V DC $U_{min} - U_{max}$ 100 - 265 V AC (50/60 Hz) $U_{min} - U_{max}$ 140 - 275 V DC $P_{(stand-by)} < 1$ W
	- 5 A (max 10 A - 5 ms) 24 V DC, 120 W [IN 230 V AC, (-20...+40)°C]
OUT	- 4.5 A (max 10 A - 5 ms), 24 V DC, 110 W [IN (100...275)V, 40°C]
	 (-20...+70)°C
IP20	



78	U_N	LED
OK	✓	
Sh	✓	 15s. OFF
ThL	✓	OFF



IND. CONT. EQ.
E361251

Input 115 V AC 50/60 Hz / 1.65 A
 Output 24 V DC, 4 A / 96 W
 Input 230 V AC 50/60 Hz / 1.1 A
 Output 24 V DC, 4.5 A / 108 W

- 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

A readily accessible disconnect device shall be incorporated in the building installation wiring:

- Circuit breaker 6 A Z-curve
- Input fuse 3.15 A - T - F1
- Equipment intended for installation in restricted access location

ENGLISH

78.1B SWITCH MODE POWER SUPPLIE

1 DIMENSIONS / FRONT VIEW

- 1a Nominal output voltage 24 V DC adjustable between 24 and 28 V
- 1b Green LED: Indication of output status
- 1c Fuse protection of input supply (Fuse: 3.15 A-T - plus spare)

2 CONNECTIONS

3 LED INDICATION AND FUNCTION

- U_N AC/DC Supply
- Sh Short circuit
- ThL Thermal limit
- Led (1b) LED Green

4 WIRING DIAGRAM EXAMPLES

- 4a Dual connection - for a Bipolar supply
- 4b Parallel connection ($I \leq 2 \times I_N$)
* MBR 4060PT (TO247)
- 4c Series connection - for increased output voltage

NOTE

- Efficiency: 93% @ 230 V AC
- Automatic short circuit protection
- **The product can be used without particular wiring requirements, but, to ensure compliance with EN 61204-3: 2019, the length of the connection cables between the output terminals and the load must not exceed 30 m**