

Modular multi-pole terminal blocks

- UL94V-0
- Certificate **CESI 03 ATEX 164 U Ex e** I M2 / II 2 G D temperature range of use: -40 – +80 °C
- to be fixed directly on panel, by means of screws
- **Coc IEC Ex CES 11.0008U Ex e II**
- maximum operating temperature 100°C



The bipolar BPL.4, BPL/R and tripolar TPL.4 terminal boards can be fixed separately or used to lock together terminal boards with an unlimited number of poles without using supporting rails. The special “dovetail” channels, ensuring the maximum compactness of assembly, make sufficient the use of only two screws for fixing, at the end of the terminal board. The BPL.4, BPL/R and TPL.4 terminal boards are made ready for marking with NU0550-type name tags.

standard version	BPL.4 Cat. No. BP100	TPL.4 Cat. No. TP100	BPL/R Cat. No. BP200
TECHNICAL CHARACTERISTICS			
function/type	two-pole	three-pole	two-pole reduced pitch
rated cross-section (mm²)	4	4	4
connecting capacity			
flexible (mm²)	0.5–6	0.5–6	0.5–6
rigid (mm²)	0.5–6	0.5–6	0.5–6
max. flexible with ferrule (mm) - ferrule type	4-WP40/16	4-WP40/16	4-WP40/16
rated voltage / rated current / gauge conf. to IEC 60947-7-1	500 V / 32 A / A4	500 V / 32 A / A4	500 V / 32 A / A4
rated voltage / rated current / AWG / tightening torque value UL (Ex e) rated voltage (V)	300 V / 20 A / 12–18 AWG / 4.4 lb.in. 320 V	300 V / 20 A / 12–18 AWG / 4.4 lb.in. 320 V	300 V / 20 A / 12–18 AWG / 4.4 lb.in. 320 V
rated impulse withstand voltage / pollution degree	6 KV / 3	6 KV / 3	6 KV / 3
insulation stripping length (mm)	12	12	12
tightening torque value (test / max) (Nm)	0.5 / 0.7	0.5 / 0.7	0.5 / 0.7
fixing screws (*) (Ø)	M3 (Ø head 5.6 mm max)	M3 (Ø head 5.6 mm max)	-
height/ width/ thickness	26 / 24 / 20	26 / 30 / 20	26 / 24 / 13
APPROVALS			

Normal compositions		
Number of poles	BPL.4 and TPL.4 configurations	Total length mm
2	B	20
3	T	30
4	B+B	40
5	B+T	50
6	T+T	60
7	B+T+B	70
8	T+B+T	80
9	T+T+T	90
10	T+B+B+T	100
12	T+T+T+T	120
14	T+T+B+T+T	140
15	T+T+T+T+T	150
16	T+T+B+B+T+T	160
18	T+T+T+T+T+T	180
20	T+T+T+B+T+T+T	200

(*) NOTE: when using BPL.4 and TPL.4 terminal blocks in Ex e classified installations, the use of the insulated fixing screw is required.