

QBLOK SERIES **NEW****SINGLE POLE DISTRIBUTION TERMINAL BOARDS****General features**

- Single pole
- Mounted onto PR/3 rails conforming to IEC 60715 standards, TH/35 type or directly onto the panel
- Supports included laterally with dovetail coupling, for better compressing of adjacent elements even with different sections
- Insulating supports, grey RAL 7035
- Power supply holes intentionally offset for increased visibility and better conductor cabling
- Conforming to EN 60947-7-1 standards
- Easy to use thanks to the compact design and rounded shape
- Conductor screw-clamps cannot be lost

Materials used

- Insulating supports made of 6.6 UL94V-0 polyamide



CODE		QBLOK1P160	QBLOK1P250	QBLOK1P400
ID CODE		QBLOK1P160A6	QBLOK1P250A10	QBLOK1P400A10
Height - Width - Thickness	TH/35 7.5 mm	51 - 70.5 - 41.6	68 - 90 - 51	68 - 90 - 51
	TH/35 15 mm	59 - 70.5 - 41.6	75 - 90 - 51	75 - 90 - 51
Number and diameter of holes		1 70mm ² hole 2 25mm ² holes 3 16mm ² holes	1 120mm ² hole 2 35mm ² holes 3 25mm ² holes 4 16mm ² holes	1 185mm ² hole 2 35mm ² holes 3 25mm ² holes 4 16mm ² holes
Rated cross-section mm ²		70	120	185
Connection capacity Power supply hole 185-120-70 mm ² / bar:	Flexible conductors mm ²	10 ÷ 70	35 ÷ 120	70 ÷ 185
	Rigid conductors mm ²	10 ÷ 70	35 ÷ 120	70 ÷ 185
	Max. flexible conductor With terminal mm ² - terminal ID number	50 - WP 350/40	-	-
Connection capacity Wire hole from 35 mm ² :	Power supply dimensions - L x w mm	15 x 5	24 x 10	24 x 10
	Flexible conductors mm ²	-	4 ÷ 35	4 ÷ 35
	Rigid conductors mm ²	-	4 ÷ 35	4 ÷ 35
Connection capacity Wire hole from 25 mm ² :	Max. flexible conductor With terminal mm ² - terminal ID number	-	25 - WP 250/29	25 - WP 250/29
	Flexible conductors mm ²	2.5 ÷ 25	2.5 ÷ 25	2.5 ÷ 25
	Rigid conductors mm ²	2.5 ÷ 25	2.5 ÷ 25	2.5 ÷ 25
Connection capacity Wire hole from 16 mm ² :	Max. flexible conductor With terminal mm ² - terminal ID number	16 - WP 160/22	16 - WP 160/22	16 - WP 160/22
	Flexible conductors mm ²	2.5 ÷ 16	1.5 ÷ 16	1.5 ÷ 16
	Rigid conductors mm ²	2.5 ÷ 16	1.5 ÷ 16	1.5 ÷ 16
Connection capacity Wire hole from 16 mm ² :	Max. flexible conductor With terminal mm ² - terminal ID number	10 - WP 100/21	10 - WP 100/21	10 - WP 100/21
	Flexible conductors mm ²	2.5 ÷ 16	1.5 ÷ 16	1.5 ÷ 16
Rated voltage / rated current / gauge		690 V / 160 A / --	690 V / 250 A / --	690 V / 400 A / --
Short term current allowed (I _{cw}) (value effective for 1s)		8.4 kA	14.4 kA	22.2 kA
Rated voltage / rated current / AWG / tightening torque		600 V / 160 A / - - - -	600 V / 230 A / - - - -	600 V / 310 A / - - - -
Surge voltage measurement/ Degree of pollution		8 kV / 3	8 kV / 3	8 kV / 3
Stripping length in mm		17 / 12 / 12	27 / 18 / 12	27 / 18 / 12
Tightening torque in Nm		10 (70 mm ²) 3 (25 and 16 mm ²)	19 (120 mm ²) 6 (35 mm ²) 3 (25 and 16 mm ²)	19 (185 mm ²) 6 (35 mm ²) 3 (25 and 16 mm ²)
APPROVALS		UL in course	UL in course	UL in course
Quantity per pack		1	1	1