



# QBLOK SERIES

# DISTRIBUTION TERMINAL BOARDS



- Suitable for DIN rail or panel mounting
- High number of connection points
- IPXXB protection degree according to IEC60529
- Compact dimension



[1] for details, see the installation manual

VERSIONS	CODE TYPE	QBLOK1P250E QBLOK1P250A12E	QBLOK1P400E QBLOK1P400A12E	QBLOK1P500E QBLOK1P500A12E
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## TECHNICAL CHARACTERISTICS

Number x section of holes	A	1 x 120 mm <sup>2</sup>	1 x 185 mm <sup>2</sup>	8x24x1 - 2x20x1 mm (barra)
	B	2 x 35 mm <sup>2</sup>	2 x 35 mm <sup>2</sup>	2 x 35 mm <sup>2</sup>
	C	5 x 16 mm <sup>2</sup>	5 x 16 mm <sup>2</sup>	5 x 16 mm <sup>2</sup>
	D	4 x 10 mm <sup>2</sup>	4 x 10 mm <sup>2</sup>	4 x 10 mm <sup>2</sup>
Rated cross-section	(mm <sup>2</sup> )	120	185	-
Connection capacity of input A	Flexible	(mm <sup>2</sup> ) 35 - 120	95 - 185	-
	Rigid	(mm <sup>2</sup> ) 35 - 120	95 - 185	-
	Max.flexible with ferrule - ferrule type	(mm <sup>2</sup> ) 95	150	-
	Power supply bar - l x S	(mm) -	-	8x24x1 - 2x20x1 mm
Connection capacity of output B	Flexible	(mm <sup>2</sup> ) 6 - 35	6 - 35	6 - 35
	Rigid	(mm <sup>2</sup> ) 6 - 35	6 - 35	6 - 35
	Max.flexible with ferrule	(mm <sup>2</sup> ) 25	25	25
Connection capacity of output C	Flexible	(mm <sup>2</sup> ) 2.5 - 16	2.5 - 16	2.5 - 16
	Rigid	(mm <sup>2</sup> ) 2.5 - 16	2.5 - 16	2.5 - 16
	Max.flexible with ferrule	(mm <sup>2</sup> ) 10	10	10
Connection capacity of output D	Flexible	(mm <sup>2</sup> ) 2.5 - 10	2.5 - 10	2.5 - 10
	Rigid	(mm <sup>2</sup> ) 2.5 - 10	2.5 - 10	2.5 - 10
	Max.flexible with ferrule	(mm <sup>2</sup> ) 6	6	6
Electrical characteristics According to European standard IEC EN 60947-7-1	Max AC/DC Voltage	(V) 1000/1000	1000/1000	1000/1000
	Max current with rated cross-section	(A) 250	400	500
	Section	Caliber -	-	-
Electrical characteristics According to UL	Max AC/DC Voltage	(V) 600/600	600/600	600/600
	Max current with rated cross-section	(A) 255	335	335
	Section Min-Max	(AWG) A: 6-250kcmil / B: 10-1 / C: 14-4 / D: 14-6	A: 3/0-400kcmil / B: 10-1 / C: 14-4 / D: 14-6	A: - / B: 10-1 / C: 14-4 / D: 14-6
Thigtening torque	(lb.in) A: 168 / B: 39 / C: 24 / D: 24	A: 221 / B: 39 / C: 24 / D: 24	A: 120 / B: 39 / C: 24 / D: 24	
Short term current allowed (I <sub>cw</sub> ) (value effective for 1s)	(kA) 24.5	24.5	24.5	
Peak current (ICC)	(kA) 51	51	51	
Rated impulse withstand voltage / pollution degree	4kV / 3	4kV / 3	4kV / 3	
Insulation stripping lenght	(mm) [1]	[1]	[1]	
Tightening torque	(Nm) A: 19	A: 25	A: 13.5	
	(Nm) B: 4.4	B: 4.4	B: 4.4	
	(Nm) C, D: 2.7	C, D: 2.7	C, D: 2.7	
Width	96	96	95	
Thickness	47	47	47	
Height on TH/35 7,5 mm	51	51	51	
Height on TH/35 15 mm	58.5	58.5	58.5	
Quantity per pack	1	1	1	

## APPROVALS

