

Terminal block, 1 pole, 175A, 10 output terminals



Powering Business Worldwide™

Part no.	BPZ-KB-10/175
Catalog No.	102715
EL-Nummer (Norway)	2459291

Delivery program

Mounting type			Floor standing distribution board Surface mounted Flush mounted
Degree of Protection			IP20
Mounting position			universal
Number of poles			1 pole
Width	mm	45	
Depth	mm	43	
Height	mm	71	
Number of clamping units per pole			11
Rated device current	A	175	

Technical data

General			
Standards			IEC 60 947 -7 -1 UL 1059
RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council)			conform
Heat deflection temperature	°C	100	
UL 94 flame classification		V-0	
Comparative tracking index	V	600	
Degree of Protection		IP20	
Assembly details			Clicks on DIN-rail or on base plate. Save time on wiring. Save 80% on space used. Modular construction, 1-4 pole Systems can be built with several blocks.

Electrical

IEC			
Max. electrical load / Cu	A	175	
Max. operating voltage / Cu	V AC	1000	
Max. operating voltage / Cu	V DC	1500	
UL			
Max. electrical load / Cu	A	175	
Max. operating voltage / Cu	V AC	600	
CSA			
Max. electrical load / Cu	A	175	
Max. operating voltage / Cu	V AC	600	
Rated peak withstand current	I _{pk}	kA	30
Rated short-time withstand current (t=1s)	I _{cw}	kA	11

Material characteristics

Material			
Clamping body			Brass
Housing			PA66
Hexagon socket set screw			Steel
Surface finish			
Clamping body			Plain
Hexagon socket set screw			Zn-Plated
Colour			
Housing			grey, RAL 7035

Terminal capacity

Incotermer			
single wire/multi wire	mm ²	16 - 70	
single wire/multi wire	AWG	6 - 2/0	
fine wire (with sleeve)	mm ²	16 - 50	
fine wire (with sleeve)	AWG	6 - 1	
Torque	N/m	6 - 10	
Torque	lbf	53.1 - 88.5	
Outgoings			
single wire/multi wire	mm ²	2.5 - 16	
single wire/multi wire	AWG	14 - 6	
fine wire (with sleeve)	mm ²	2.5 - 10	
fine wire (with sleeve)	AWG	14 - 8	
Torque	N/m	3 - 4	
Torque	lbf	26.5 - 35.4	

Technical data ETIM 8.0

Energy distribution systems (EG000015) / Distributor assembly terminal blocks (EC001894)

Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Energy distribution system / Enclosure case with block terminals (ecl@ss10.0.1-27-40-06-32 [AFR290003])

Height	mm	71
Width	mm	45
Depth	mm	43
Max. rated current	A	175
Number of poles		1
Conductor cross section flexible (fine-strand) with cable end sleeve	mm ²	2.5 - 70
Conductor cross section solid (solid, stranded)	mm ²	2.5 - 70
Number of clamp positions per pole		11
With PE-rail		No
With N-rail		No