



Terminal block 1 pole, 175A, 10 output terminals

Part no. BPZ-KB-10/175
Article no. 102715

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

Incomer			
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 6.0

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

Electric engineering, automation, process control engineering / Electrical insulation and connecting material / Energy distribution system / Distributor assembly terminal blocks (ecI@ss8.1-27-40-06-09 [AC0381008])

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

Dimensions

