



## Terminal block 3 poles, 175A, 1 input-, 6 output terminals, ALU

**Part no.** BPZ-KB-6/175  
**Article no.** 102717

### Delivery programme

Mounting type			Floor standing distribution board Surface mounted Flush mounted
Degree of Protection			IP20
Mounting position			universal
Number of poles			3 pole
Width		mm	80
Depth		mm	43
Height		mm	71
Number of clamping units per pole			7
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

Incomer			
single wire/multi wire		mm <sup>2</sup>	16 - 70
single wire/multi wire		AWG	8 - 2/0

fine wire (with sleeve)	mm <sup>2</sup>	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 <sup>2</sup>	2.5 - 16
single wire/multi wire	AWG	14 - 6
fine wire (with sleeve)	mm <sup>2</sup>	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 (ecl@ss8.1-27-40-06-09 [AC0381008])

Height	mm	71
Width	mm	80.1
Depth	mm	43
Max. rated current	A	175
Number of poles		3
Conductor cross section flexible (fine-strand) with cable end sleeve	mm <sup>2</sup>	2.5 - 70
Conductor cross section solid (solid, stranded)	mm <sup>2</sup>	2.5 - 70
Number of clamp positions per pole		7
With PE-rail		No
With N-rail		No

## Dimensions

