

Terminal block, 4 poles, 160A, 1 input-, 11 output terminals, ALU



Part no. BPZ-KB-11/160
Catalog No. 102716

EL-Nummer (Norway) 2459292

Delivery program

Mounting type			Floor standing distribution board Surface mounted Flush mounted
Degree of Protection			IP20
Mounting position			universal
Number of poles			4 pole
Width		mm	160
Depth		mm	50
Height		mm	86
Number of clamping units per pole			12
Rated device current		A	160

Technical data

General

Standards			IEC 60 947 -7 -1
RoHS (in accordance with Directive 2002/95/EC of the European Parliament and Council)			conform
Heat deflection temperature		°C	PA66 ≥ 140 PC ≥ 120
UL 94 flame classification			PA66 = V-0 PC = V-2
Comparative tracking index		V	PA66 = 600 PC = 300
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
Rated peak withstand current	I _{pk}	kA	20
Rated short-time withstand current (t=1s)	I _{cw}	kA	6.2

Material characteristics

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

Terminal capacity

Incomer			
single wire/multi wire		mm ²	10 - 35
single wire/multi wire		AWG	8 - 2/0

fine wire (with sleeve)	mm ²	10 - 25
fine wire (with sleeve)	AWG	8 - 4
Torque	N/m	3.5 - 5
Torque	lbf	31 - 44
Outgoings		
single wire/multi wire	mm ²	6 - 25 2.5 - 16
single wire/multi wire	AWG	10 - 4 14 - 4
fine wire (with sleeve)	mm ²	6 - 16 2.5 - 10
fine wire (with sleeve)	AWG	14 - 6 14 - 8
Torque	N/m	3.5 - 5
Torque	lbf	31 - 44

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 (ecI@ss10.0.1-27-40-06-32 [AFR290003])		
Height	mm	86
Width	mm	160.4
Depth	mm	50.2
Max. rated current	A	160
Number of poles		4
Conductor cross section flexible (fine-strand) with cable end sleeve	mm ²	2.5 - 50
Conductor cross section solid (solid, stranded)	mm ²	2.5 - 50
Number of clamp positions per pole		12
With PE-rail		No
With N-rail		No