

Cable lugs > Terminal blocks and distribution blocks > Power distribution blocks

Type: DB160-7/1N



UNIPOLAR DISTRIBUTION BLOCK, DIRECT CLAMPING, 160A 8 WAYS SECTION 70mmq

Technical information	
Number of ways	7
Rated impulse voltage Uimp	1000 V
Rated peak withstand current IPK	30 kA
Rated short-time withstand current ICW	11.8 kA
Operating current	160 A
Input connection capacity	1x10÷70 mm² R/F
Output connection capacity	6x2.5÷16 mm² R/F; 1x6÷16 mm² R/F
Number of poles	1
Clamping type	direct
Captive screw	Yes
Torque of the clamping element	2.5÷16 mm²: 3.5 Nm;6÷16 mm²: 3.5 Nm;10÷70 mm²: 8.5 Nm
Easy insertion input	Yes
Cover color	Transparent
Insulated body color	Grey
Attachment for DIN rail	Yes

Weight and dimensions	
Geometry of the clamping element	allen screw
Number and diameter of input holes	1x12.3 mm
Number and diameter of output holes	7x6.8 mm
Horizontal pitch between the sheet elements	1x12.3 mm

Material composition and treatments	
Conductor body material	brass
Insulated body material	Polyamide PA6.6
Cover material	Polycarbonate
Clamping element material	Zinc plated steel
Halogen free	Yes
Minimum thickness of the surface coating of the conducting body	3 µm
Surface treatment of the conductor body	electrolytic tin plating
Surface treatment of the clamping element	Zinc plating

Certifications and approvals	
Marks	CE; UKCA; UL (cURus)
REACH	Yes
ROHS	Yes
Reference standard	EN 60947-7-1
UL standard	1059
Self-extinguishing fire class according to UL 94	V0
Ingress Protection according to CEI EN 60529	IP20

Logistics	
Minimum packing unit	5
Standard packing unit	5