

DC-B 6-SET-WF-M25R-M-7X4-UT

Order No.: 1602258



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Duplicon, aluminum panel feed-through set with a panel mounting base, with a stackable housing with M25 cable screw connection thread (without cable screw connection), with two contact inserts 6 x 4 mm² + PE, 400/690 V, 25 A, screw connection and a housing cover, size B6, IP67 protection

Commercial data

GTIN (EAN)	4046356027953
Note	Made-to-order
sales group	D077
Pack	1 pcs.
Customs tariff	85369010
Weight/Piece	0.4519 KG
Catalog page information	Page 402 (PC-2009)

Product notes

WEEE/RoHS-compliant since:
07/01/2005



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Technical data

Electrical characteristics

Rated voltage (III/3)	400 V (L-PE)
	690 V (L-L)

Rated surge voltage	6 kV
Rated current	25 A (with 4 mm ² conductor cross section)
Maximum load current	32 A (L1/L2/L3)
Surge voltage category	III
Pollution degree	3

Material data

Contact material	Cu
Contact surface material	Ag
Contact carrier material	PA
Housing material	Aluminum, die-cast
Housing surface material	EMC-conductive
Seal material	NBR
Locking latch material	Stainless steel
Material grip body interlock	PA

General characteristics

Design	DC-B6
Degree of protection	IP65/IP66/IP67
Color	pearl gray
Height	77 mm
Insertion/withdrawal cycles	≥ 100
Ambient temperature (operation)	-40 °C ... 100 °C
Number of positions	6
Stripping length of the individual wire	10 mm
Conductor cross section	0.2 mm ² ... 4 mm ² (6 mm ² without ferrule)
Connection cross section AWG	24 ... 12 (AWG 10 without ferrule)
Tightening torque	0.5 Nm ... 0.6 Nm
Pg screw connection	None
Type of the screw connection	With M25 thread
Cable exit	Lateral
Length of the assembly cutout	55 mm
Width of the assembly cutout	55 mm

Certificates / Approvals



Certification

CUL, UL, VDE-PZI

CUL

Nominal voltage U_N	600 V
Nominal current I_N	25 A
AWG/kcmil	12

UL

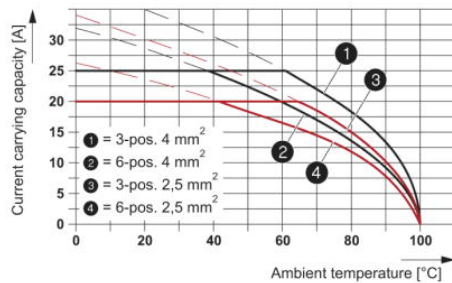
Nominal voltage U_N	600 V
Nominal current I_N	25 A
AWG/kcmil	12

Accessories

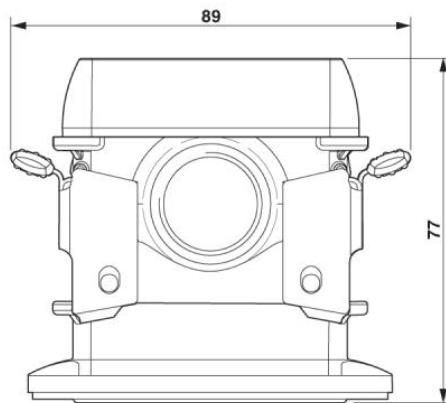
Item	Designation	Description
General		
1602339	DC-B 6-A-HB-G	DUPLICON, flat gasket for panel mounting base, made of conductive NBR
1602326	DC-B 6-A-HD-G	DUPLICON, profile gasket for stackable housing, made of conductive EPDM
1645859	HC-M-BS-M25	Cover cap, metal, size: M25
1690574	HC-M-KV-M25(11-16)	Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 11 - 16 mm, WAF 27, screw connection: M25
1646007	HC-M-KV-M25(14-21)	Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 14 - 21 mm, WAF 34, screw connection: M25
1602410	T20-M4X12	M4 Torx head screw T20, 12 mm long, self tapping, consisting of high-strength steel, anti-corrosive
Marking		
3040588	PC	Keying star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red

Diagrams/Drawings

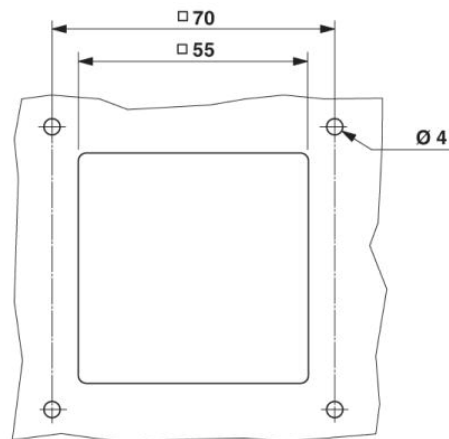
Diagram



Dimensioned drawing

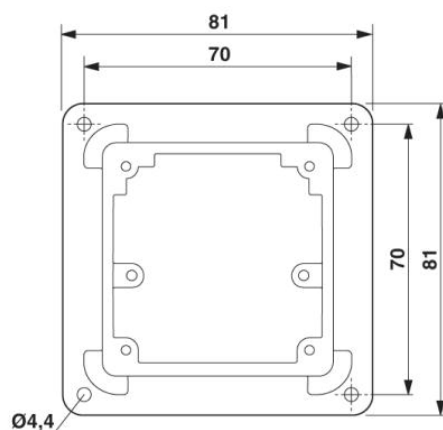


Dimensional drawing



Panel cutout: DC-B 6-HB-M

Dimensional drawing (lateral view)



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