

T box - DC-B 6-SET-TB-M25-M-7X4-UT - 1581036

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DUPLICON, aluminum T-box set with DUPLICON contact insert 6 x 4 mm² + PE with 2 screw connections per position, type B6, IP67 protection, 2 x M25 cable screw connection thread (without cable screw connection)



Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	602.8 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Height	122 mm
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Ambient conditions

Degree of protection	IP65/IP66/IP67
Ambient temperature (operation)	-40 °C ... 100 °C

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)
Degree of pollution	3

Material data

Contact material	Cu
Contact surface material	Ag

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Technical data

Material data

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

Type	DC-B6
Color	pearl gray
Insertion/withdrawal cycles	≥ 100
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
Tightening torque	0.5 Nm ... 0.6 Nm
Pg screw connection	none
Type of the screw connection	with M25 thread
Cable exit	Lateral

Standards and Regulations

Flammability rating according to UL 94	V0
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Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440202

ETIM

ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000437

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Classifications

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	39121522

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approvals submitted

Approval details

EAC

Accessories

Accessories

Full screw connection

Cable gland - HC-M-KV-M25(11-16) - 1690574



Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 11 - 16 mm, WAF 27, screw connection: M25

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Accessories

Cable gland - HC-M-KV-M25(14-21) - 1646007



Metal screw connection up to 5 bar, thread length: 7 mm, cable diameter: 14 - 21 mm, WAF 34, screw connection: M25

Protective cover

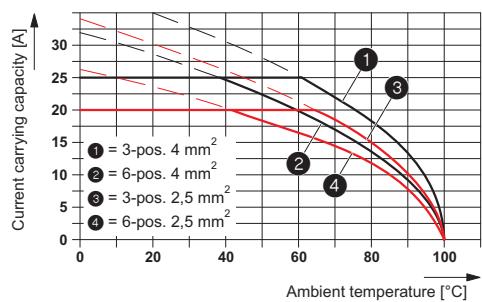
Dust protection cover - DC-B 6-CT-P - 1581078



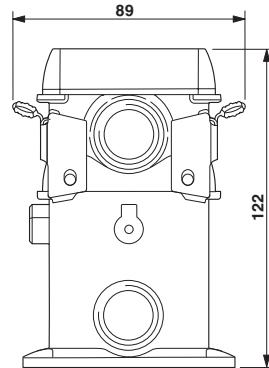
DUPLICON snap-on dust protection cover, polyamide (can be coated)

Drawings

Diagram



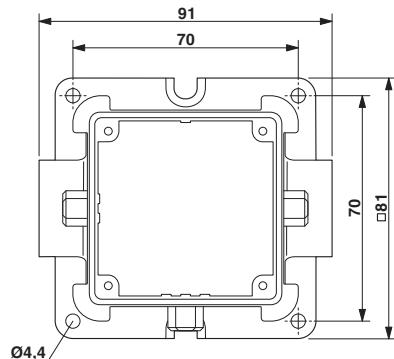
Dimensional drawing



Dimensional drawing

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Dimensional drawing



Dimensional drawing

Mouser Electronics

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