

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)

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 154819
GTIN	4046356154819

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)
Overvoltage category	III
Degree of pollution	3

Material data

Contact material	Copper alloy
Contact surface material	Ag
Contact carrier material	PA

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Technical data

Material data

Housing material	Aluminum die-cast
Housing surface material	uncoated
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 outlet	lateral

Standards and Regulations

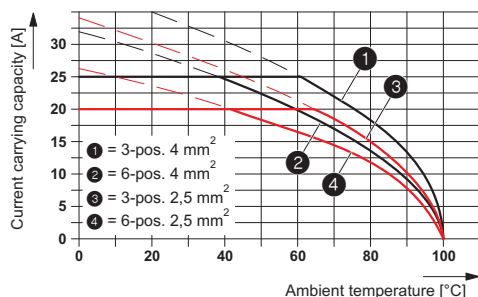
Flammability rating according to UL 94	V0
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Environmental Product Compliance

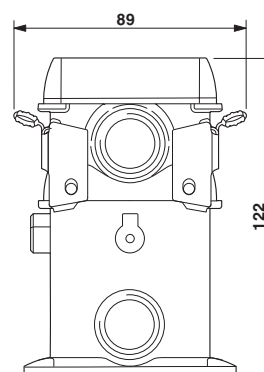
REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

Diagram



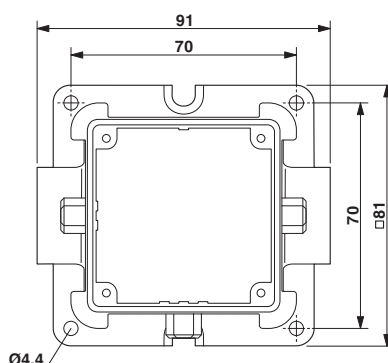
Dimensional drawing



Dimensional drawing

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Dimensional drawing



Dimensional drawing

Articles in set

Contact insert - DC-B 6-IBT-7X4-UT - 1581065



DUPLICON T-box contact insert 6 x 4 mm² + PE with 2 screw connections per position, type B6

T box - DC-B 6-HTC-M25-M25-M - 1581052



DUPLICON, aluminum T-box, type B6, IP67 protection, 2 x M25 cable screw connection thread (without cable screw connection)

Stackable housing - DC-B 6-HD-M25-M - 1602054



DUPLICON, aluminum stackable housing for DUPLICON contact inserts, type B6, IP67 protection, with two locking latches, gasket and an M25 cable screw connection thread (without cable screw connection)

Contact insert - DC-B 6-ID-7X4-UT - 1602203



DUPLICON, connector contact insert, 6 x 4 mm² + PE, 400/690 V, 25 A, screw connection, type B6, IP20 protection

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Articles in set

Housing cover - DC-B 6-CT-M - 1602025



DUPLICON, aluminum housing cover, type B6, IP67 protection, with two M3 screws, V2A, captive, gasket and hole for retaining cord, for self-tapping M3 screw

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC



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