

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)



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
GTIN	
GTIN	4046356154819
Weight per Piece (excluding packing)	602.800 g
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Height	122 mm
--------	--------

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)

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

Technical data

Electrical characteristics

Overvoltage category	III
Degree of pollution	3

Material data

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

Environmental Product Compliance

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

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

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

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

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

Classifications

eCl@ss

eCl@ss 4.0	272607xx
eCl@ss 4.1	27260701
eCl@ss 5.0	27143424
eCl@ss 5.1	27261200
eCl@ss 6.0	27261200
eCl@ss 7.0	27440202
eCl@ss 9.0	27440101

ETIM

ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000437
ETIM 6.0	EC000437
ETIM 7.0	EC000437

UNSPSC

UNSPSC 6.01	30211923
UNSPSC 7.0901	39121522
UNSPSC 11	39121522
UNSPSC 12.01	39121522
UNSPSC 13.2	31261501

Accessories

Accessories

Coding element

Coding star - PC - 3040588



Coding star, length: 3 mm, width: 3 mm, height: 6 mm, color: red

Full screw connection

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

Accessories

Cable gland - G-INS-M25-M68N-NNES-S - 1411165



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 11 mm ... 17 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

Cable gland - G-INSEC-M25-S68N-NCRS-S - 1411190



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 11 mm ... 16 mm, shielding: yes, connecting thread: M25 x 1.5, color: silver, with O-ring

Cable gland - G-INS-M25-S68N-NNES-S - 1424527



Cable gland, cable gland material: Nickel-plated brass, external cable diameter 10 mm ... 14 mm, shielding: no, connecting thread: M25 x 1.5, color: silver, with O-ring

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

Insertion bridge

Insertion bridge - EB 2- 6 - 0201155



Insertion bridge, pitch: 6.2 mm, number of positions: 2, color: gray

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

Accessories

Mounting material

Mounting brackets - DC-B 6-A-SA - 1602313



DUPLICON, mounting bracket, made of 3 mm high-grade steel plate, with predrilled holes

Screw - T20-M4X12 - 1602410



M4 Torx head screw T20, 12 mm long, self tapping, consisting of high-strength steel, anti-corrosive

Multiple screw connection

Cable gland - HC-M-KV-M25(1X10/1X11) - 1580228



Special cable screw connection M25, brass nickel-plated, grommet with 10 mm and 11 mm holes

Plug for cable screw gland

Screw plug - HC-M-BS-M25 - 1645859



Filler plug, metal, size: M25

Protective cover

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

Accessories

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



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

Seal

Seal - DC-B 6-A-HD-G - 1602326



DUPLICON, profile gasket for stackable housing, made of conductive EPDM