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T box - DC-B 6-SET-TB-M20-M-7X4-UT - 1581023


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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 M20 cable screw connection thread (without cable screw connection)



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 154772
GTIN	4046356154772
Custom tariff number	8536909000
Sales Key	BF7BFX

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
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Technical data

Material data

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

Design	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 M20 thread
Cable exit	lateral

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

Approvals

Approvals

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UL Recognized / cUL Recognized / EAC / cULus Recognized

Ex Approvals


Approval details


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Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm ² /AWG/kcmil	12		
Nominal current IN	25 A		
Nominal voltage UN	600 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm ² /AWG/kcmil	12		
Nominal current IN	25 A		
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EAC		7500651.22.01.00246
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cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm
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