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Connector set - DC-B 6-SET-HD-M20-M-7X4-UT - 1602216


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Duplicon, aluminum stackable connector set with a stackable housing with M20 cable screw connection thread (without cable screw connection), and a contact insert 6 x 4 mm² + PE, 400/690 V, 25 A, screw connection, type B6, IP67 protection



Key Commercial Data

Packing unit	1 STK
GTIN	 4 046356 027915
GTIN	4046356027915
Custom tariff number	8536909000
Sales Key	BF7BFX

Technical data

Dimensions

Height	55 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

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Technical data

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

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 (AWG 10 without ferrule)
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

Approvals

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UL Recognized / VDE Gutachten mit Fertigungsüberwachung / 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		

VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40017400
Nominal current IN	25 A		
Nominal voltage UN	690 V		

cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 118976
mm ² /AWG/kcmil	12		
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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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