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Duplicon, aluminum stackable connector set with a stackable housing with M25 cable screw connection thread (without cable screw connection), and a contact insert 6 x 4 mm² + PE, 400/690 V, 25 A, screw connection, size B6, IP67 protection





Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	239.3 GRM
Custom tariff number	85366990
Country of origin	Germany

Technical data

Dimensions

Height	55 mm
Ambient conditions	

Degree of protection IP6	265/IP66/IP67
Ambient temperature (operation) -40	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)
Surge voltage category	
Pollution degree	3
Material data	·

Contact material	Cu



Technical data

Material data

Contact surface material	Ag
Contact carrier material	РА
Housing material	Aluminum die-cast
Housing surface material	EMC-conductive
Seal material	NBR
Locking latch material	Stainless steel
Material grip body interlock	РА

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 M25 thread
Cable exit	Lateral

Classifications

eCl@ss

eCl@ss 4.0	27140816
eCl@ss 4.1	27140816
eCl@ss 5.0	27143424
eCl@ss 5.1	27143424
eCl@ss 6.0	27143424
eCl@ss 7.0	27440209
eCl@ss 8.0	27440209

ETIM

ETIM 2.0	EC001121
ETIM 3.0	EC000437
ETIM 4.0	EC000437
ETIM 5.0	EC000437



Classifications

UNSPSC

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

Approvals

Approvals

Approvals

UL Recognized / VDE Gutachten mit Fertigungsüberwachung / cUL Recognized / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

Г

mm²/AWG/kcmil	12
Nominal current IN	25 A
Nominal voltage UN	600 V

VDE Gutachten mit Fertigungsüberwachung	
Nominal current IN	25 A
Nominal voltage UN	690 V



Approvals

Γ

cUL Recognized	
mm²/AWG/kcmil	12
Nominal current IN	25 A
Nominal voltage UN	600 V

cULus Recognized

Accessories

Accessories

Coding element

Coding star - PC - 3040588



Coding star, Length: 3 mm, Width: 3 mm, Height: 6 mm, Color: red

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

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



Accessories

Plug for cable screw gland

Filler plugs - HC-M-BS-M25 - 1645859



Filler plug, metal, size: M25

Seal

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

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



Drawings



Dimensioned drawing



Dimensional drawing

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