

## Data sheet

Art.No.: 75.456.0153.1

Connecting module FCS 16 5 SI SA M25

Connection module PODIS CON 5G16 for fixed wiring as tap-off; for M25 cable gland (available as accessory); 5-pole; nominal ratings acc. VDE 63 A; 690 V; 6kV/3; nominal ratings acc. UL 32 A; 600 V degree of protection IP65; piercing contacts; Torx 15; screw clamps max. 16 mm<sup>2</sup> (AWG 6) single/fine-stranded; max. cable diameter 18 mm; housing black; mounting position any; UL2875 pending; Outline dimensions L x W x H 250 x 84 x 74 mm



Art.No.	75.456.0153.1
EAN	4049088497704
Order Unit	1

Certificates / Approvals



## Technical data

### General

Color	black
Degree of protection (IP)	IP65
Rated cross section power bus	16 mm <sup>2</sup>
Operating temperature min.	-25 °C
Operating temperature max.	55 °C
Storage temperature / transport min.	-40 °C
Storage temperature / transport max.	70 °C

### Technical data

Rated voltage	690 V
Rated current	41 A
Rated operating voltage auxiliary power	48 V
Rated voltage UL	600 V
Number of poles	5
Number of clamp positions per pole	1
Connection type 1	Insulation piercing connection
Connection type 2	screw connection
Mounting method	Surface mounting
Type of supply voltage	AC/DC
Cable diameter min.	9 mm
Cable diameter max.	18 mm

### Dimensions

Length	243 mm
Assembly width	84 mm
Assembly height	80 mm

#### Classification

ECLASS 11	
ECLASS 8.1	27142409
ETIM 7.0	EC000214
ETIM 6.0	EC000214
ETIM 5.0	EC000214
ETIM 4.0	EC000214
ETIM 3.0	EC000214

#### Product compliance

ROHS conformity status	Compliant/Exempted
ROHS exceptions	III-6(c)
REACH-SVHC conformity status	Duty-To-Declare
REACH-SVHC substances	Lead
REACH-SVHC CAS numbers	7439-92-1

#### Accessories

Art.No.:	Article/type description:	Description:
05.505.0253.1	Nut M 25 x 1,5 SCHWARZ	Counter nut M25 x 1,5 suitable for glands Z5.507.1353.1 and Z5.507.1553.1; color: black RAL 9005
Z5.507.1453.1	Cable screw gland M 25 x 1,5 SCHWARZ	Threaded joint M25 x 1.5 for a loop cable with outside diameter 9-16 mm, suitable for 75.010.0053.1, 75.015.0151.2 and 75.018.0051.2; color: black RAL 9005
Z5.507.1553.1	Cable screw gland M 25 x 1,5 SCHWARZ	Threaded joint M25 x 1.5 for a loop cable with outside diameter 13-18 mm, suitable for 75.015.0151.2, 75.018.0051.2 and 75.010.0053.1; color: black RAL 9005
06.502.6410.0	Screwdriver blade TX 15x70	Screw driver insert Torx TX 15x70

#### Fits with

Art.No.:	Article/type description:	Description:
00.710.0307.1	Flat cable XPE 5G16 SCHWARZ	Tray cable PODIS CON XPE 5G16; 0,6/1kV; CPR class Cca-s1d2a1, VDE reg.; Ampacity acc. VDE0298-4 tables 5 and 6; halogen-free, flame retardent; for fixed installation; color black; W x H 48 x 11,5 mm
00.770.0307.1	Flat cable Li2HH 5G16 SCHWARZ	Tray cable PODIS CON Li2HH 5G16; 0,6/1kV; CPR class B2ca-s1a-d1-a1; Ampacity up to 63 A; halogen-free, flame retardent; for fixed installation; color black; W x H 48 x 11,5 mm
00.771.0307.1	Flat cable LSHF 5G16	Tray cable PODIS CON LSHF 5G16; 0,6/1kV; CPR class B2ca-s1a-d1-a1; Ampacity up to 63 A; halogen-free, flame retardent; for fixed installation; color black; W x H 48 x 11,5 mm