

## Data sheet

Commercial Art.No.: 75.456.0053.1

Connecting module FCS 16 5 SI SA M32

Connection module PODIS CON 5G16 for fixed wiring, as feed-in or tap-off; for M32 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 25 mm; housing black; mounting position any; UL2875 pending; Outline dimensions L x W x H 250 x 84 x 74 mm



Commercial Art.No.	75.456.0053.1
EAN	4049088476983
Order Unit	0

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	63 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.	10 mm
Cable diameter max.	25 mm

### Dimensions

Length	248 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

Commercial Art.No.:	Article-type description:	Description:
Z5.507.1653.1	Cable screw gland M 32 x 1,5 SCHWARZ	PA, clamping range 18 - 25 mm, black, counter nut 05.505.0353.1 separately
Z5.507.1753.1	Cable screw gland M32 x 1,5 SW	PA, clamping range 10 - 21 mm, black, counter nut 05.505.0353.1 separately
06.502.6410.0	Screwdriver blade TX 15x70	Screw driver insert Torx TX 15x70
05.505.0353.1	Nut M32x1,5 PA	Counter nut M32 x 1,5, suitable for glands Z5.507.1653.1, color: black

#### Fits with

Commercial 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