

Data sheet

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 mm² (AWG 6) single/fine-stranded; max. cable diameter 25 mm; housing black; mounting position any; Outline dimensions L x W x H 250 x 84 x 74 mm



Art.No.	75.456.0053.1
EAN	4049088476983
Order Unit	2

certificates / approvals



Technical data

general

color	black
degree of protection (IP)	IP65
operating temperature min.	-25 °C
operating temperature max.	55 °C
storage temperature / transport min.	-40 °C
storage temperature / transport max.	70 °C
rated cross section power bus	16 mm ²
material	plastic
shock resistance	IK09

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
number of outputs	1

dimensions

length	248 mm
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assembly width	84 mm
assembly height	80 mm

classification

ECLASS 11	
ECLASS 8.1	27142409
ETIM 9.0	EC000214
ETIM 8.0	EC000214
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:
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

Art.No.:	Article/type description:	Description:
00.710.0307.1	flat cable XPE 5G16	Flatcable PODIS CON XPE 5G16; 0,6/1kV; CPR class Cca-s1d2a1, VDE reg.; Ampacity up to 63 A; halogen-free, flame retardant; for fixed installation; color black; W x H 48 x 11,5 mm
00.771.0307.1	flat cable FL-LSHF 5G16	Flatcable PODIS CON LSHF 5G16; 0,6/1kV; CPR class B2ca-s1a-d1-a1; Ampacity up to 63 A; halogen-free; flame retardant; for fixed installation; color black; W x H 48 x 11,5 mm
99.099.0000.8	flat cable FL-LSHF 5G25	Flatcable PODIS CON LSHF 5G25; 0,6/1kV; CPR class B2ca-s1a-d1-a1; halogen-free, flame retardant; for fixed installation; color grey; W x H 48 x 11,5 mm; Rated Current: 63 A; For applications up to 80 A, the special conditions must be considered
00.771.0307.3	flat cable FL-LSHF 5G16	Flatcable PODIS CON LSHF 5G16; 0,6/1kV; CPR class B2ca-s1a-d1-a1; Ampacity up to 63 A; halogen-free; flame retardant; for fixed installation; color grey white; W x H 48 x 11,5 mm
05.560.4519.0	mounting sheet podis 5G6 + 5G16	Mounting Plate for connection modules podis 5G6 and podis 5G16 for 75.25x.xxxx.x and 75.452.xxxx.x, 75.456.xxxx.x; fixture plate for easy mounting in mesh cable trays with grid measures 50 x 100 mm and 25 x 100 mm; fixation in the mesh tray with latches; assembly to the connection modules with M4 countersunk screw; stainless steel