product data sheet

item no. 75.456.0855.1

Circuitbreaker Module FH RCBO 16 CAM32

podis CON 5G16 Circuit breaker module; combines tap-off and decentralized fuse-protection; internally, a 4-pole RCBO type A with tripping characteristic C16 A /30 mA is installed and wired; for M32 cable gland output, plus optional knock-outs for M20 cable gland and M12 (cable gland as accessory available); lockable with padlock; color black



item no.	75.456.0855.1
EAN	4049088646430
order unit	1 piece(s)

certificates / approvals

technical data

general

rated current	16 A
rated voltage	400 V
type of security device	RCBO 3+N C16 A / 0.03 A / 6 kA
connection type 1	insulation piercing connection
connection type 2	screw connection
housing material	polyamide
halogen free	yes
degree of protection (IP)	IP65
shock resistance	IK10
color	black
mounting method	surface mounting
storage temperature / transport min.	-40 °C
storage temperature / transport max.	70 °C
min. ambient temperature	-25 °C
max. ambient temperature	50 °C
min. installation temperature	5 °C
max. installation temperature	40 °C
insulation components continous temperature	120 °C

connection data

number of poles	5
rated cross section power bus	16 mm²

dimensions

length	438.8 mm
assembly width	100 mm
assembly height	126 mm

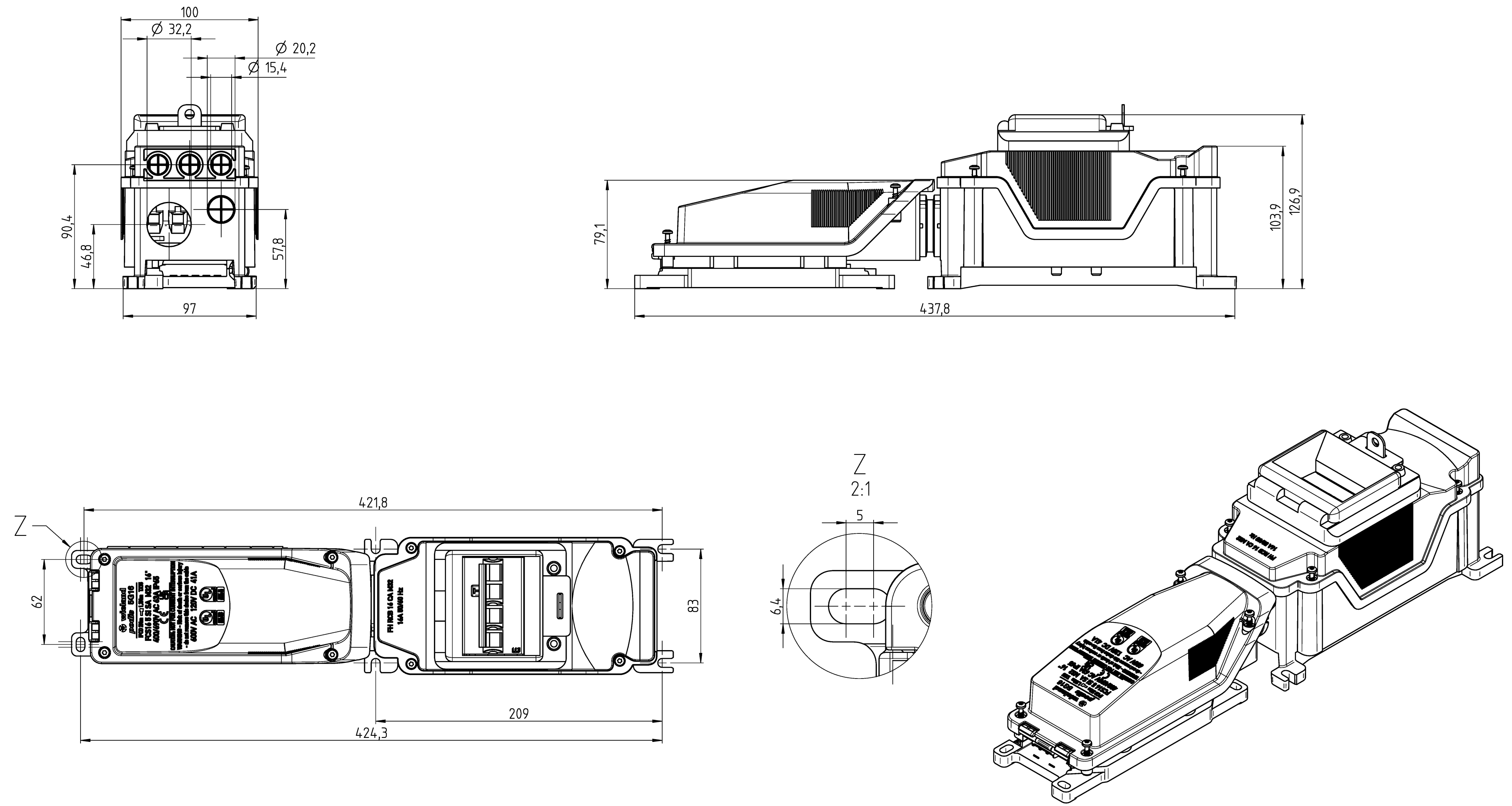
accessories

item no.	type	description
05.505.0353.1	Locknut M32 x 1,5	Locknut M32 x 1.5 in color black, polyamide
Z5.507.1653.1	cable screw gland M32 x 1,5 18 - 25	Cable Gland M32 x 1.5 for cable diameters 18 - 25 mm, black, polyamide, Locknut 05.505.0353.1 separately
Z5.507.1753.1	cable screw gland M32 x 1,5 15 - 21	Cable Gland M32 x 1.5 for cable diameters 10 - 21 mm, black, polyamide, Locknut 05.505.0353.1 separately

assembly

item no.	type	description
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 retardent; 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; compatible with 5G16 components and accesories; 0.6/1kV; CPR class B2ca-s1a-d1-a1; halogen-free, flame retardent; for fixed installation; color dark 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

technical drawing



Tolerierung Size ISO 14405 Ⓔ / Tolerance system Size ISO 14405 Ⓔ.
(This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances).

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten. Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach / General tolerance	CAD - Zeichnung, keine manuellen Änderungen / CAD - drawing, no manual modifications allowed
1. Verwendung: / First Use:	Blatt: 1 von 1 / Sheet: 1 of 1
Maßstab / Scale	1:2
Werkstoff / Material	
gezeichnet / drawn	Tag/Date: 07.08.2023 — Name: Göhl M.
Elektronische Freigabe / Electronic Release	
Zeichnung Nr. / Drawing No.	75.456.0855.1 13K
Index	-
Maße in mm / Dimensions are in mm	
Vol. mm³	Ofl./Srf. mm²
Ersatz für / Replacement for:	
Type	FH RCBO 16 CAM32
Benennung/Title	ABSICHERUNGSMODUL /CIRCUITBREAKERMOD
Index / Datum / Blatt / Date / Sheet	Änderung / Revision

wieland

2023-08-07 10:15:55 1.000

01-QU-RD-32/21