product data sheet

item no. 75.459.8553.1

# Surge Protection Module FH SP2 CL

podis® CON 5G16 Surge Protection Module, integrated device DEHN DG TT 5 275, system configuration TT, TN, category type 2, IP65, color housing black,

| | |
|---|---|
| item no. | 75.459.8553.1 |
| EAN | 4049088714320 |
| order unit | 1 piece(s) |

## certificates / approvals

## technical data

**note**

| | |
|---|---|
| note | Further technical data on the integrated SPD can be found on the DEHN manufacturer website. DEHN type and order no.: DG TT 5 275 / 900 455Lockable with padlock |

**general**

| | |
|---|---|
| type of security device | DEHN DG TT 5 275 |
| system configuration | TT, TN |
| category type 2 | yes |
| rated discharge current [In] | 5 kA |
| connection type 1 | insulation piercing connection |
| housing material | polyamide |
| halogen free | yes |
| degree of protection (IP) | IP65 |
| shock resistance | IK10 |
| color | black |
| storage temperature / transport min. | -40 °C |
| storage temperature / transport max. | 70 °C |
| min. ambient temperature | -25 °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**

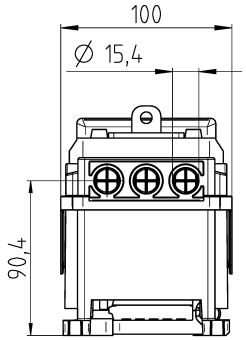
| | |
|---|---|
| length | 439 mm |
| assembly width | 100 mm |
| assembly height | 127 mm |

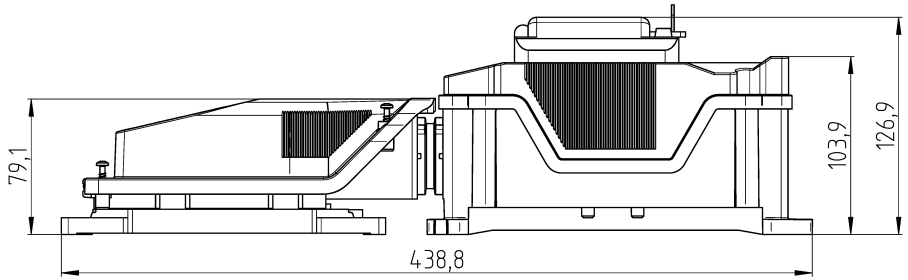
## assembly

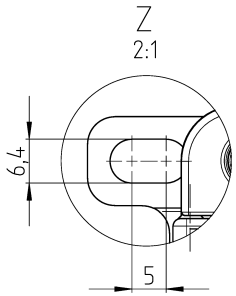
| item no. | type | description |
|---|---|---|
| 00.771.0307.1 | flat cable FL-LSHF 5G16 | podis® CON 5G16 flat cable FL-LSHF 5G16, number of cores 5, 16 mm², fire class B2ca s1 d1 a1, halogen free, color outer sheath black |

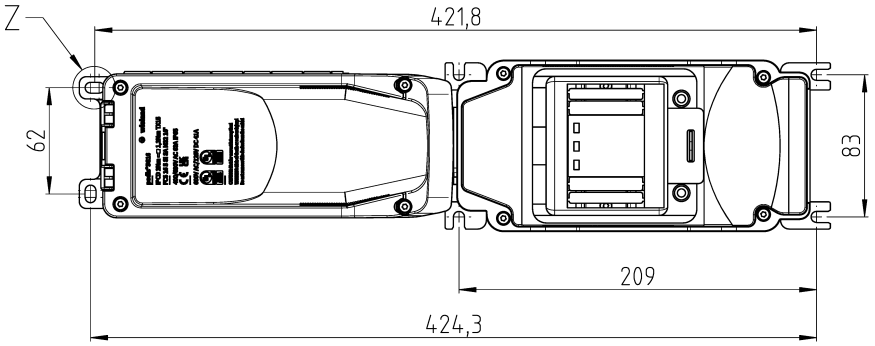
| | | |
|---|---|---|
| 00.771.0307.3 | flat cable FL-LSHF 5G16 | podis® CON 5G16 flat cable FL-LSHF 5G16, number of cores 5, 16 mm², fire class B2ca s1 d1 a1, halogen free, color outer sheath grey, |
| 99.099.0000.8 | flat cable FL-LSHF 5G25 | Flatcable PODIS CON LSHF 5G25; compatible with 5G16 components 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; For applications up to 80 A, the special conditions must be considered |

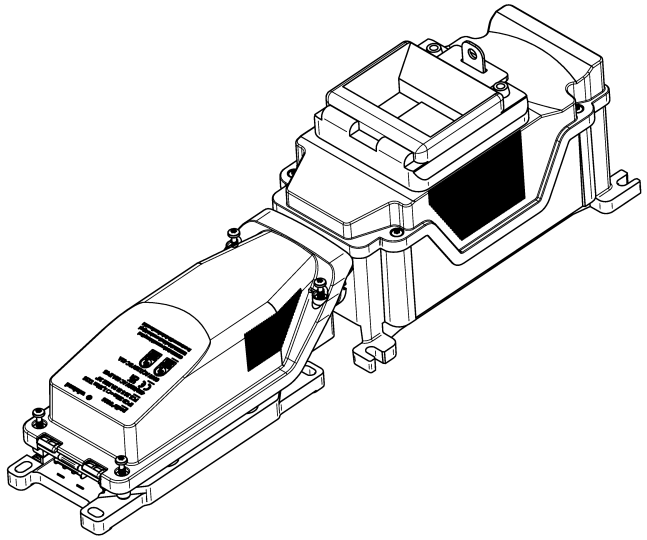
technical drawing

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Vertraulichkeitsklasse
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Vertraulich
Confidential

These dimensions will be promptly checked at delivery
Only inserted dimensions are also valid for ordering use.
Alle mit X versehenen Abmessungen sind auch für Bestellzwecke gültig.

Diese Maße werden bei Abnahme besonders geprüft
Additionally checked dimensions
Alle mit E gekennzeichneten Maße sind auch für Bestellzwecke gültig.


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

Index

Werkstoff / Material

Maßstab / Scale
1:2

| | Tag/Date | Name |
|---|---|---|
| gezeichnet / drawn | 24.09.2025 | Lunz S. |

Elektronische Freigabe
Electronic Release

Zeichnung Nr. / Drawing No.
75.459.8553.1 13K

Maße in mm / Dimensions are in mm

Vol. mm³ Off./Srf. mm²

Ersatz für / Replacement for:

Type
FH SP2
CL

Benennung/Title
ANFLANSCHGEHAEUSE
Flange housing

wieland

Index | Datum / Blatt
Date / Sheet
Änderung / Revision

2025-10-13 10:32:51 1.000

01-QU-RD-32/21