

## product data sheet

item no. 75.456.1155.1

### Circuitbreaker Module FH RCBO 16 CARST20

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; with an integrated pluggable output RST20i5 in black; lockable with padlock; color black



|            |               |
|------------|---------------|
| item no.   | 75.456.1155.1 |
| EAN        | 4049088670787 |
| order unit | 1 piece(s)    |

## certificates / approvals

## technical data

### note

|      |                       |
|------|-----------------------|
| note | Lockable with padlock |
|------|-----------------------|

### 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                            | plug-in 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 continuous temperature | 120 °C                         |

### connection data

|                               |                    |
|-------------------------------|--------------------|
| number of poles               | 5                  |
| rated cross section power bus | 16 mm <sup>2</sup> |

### dimensions

|                 |          |
|-----------------|----------|
| length          | 438.8 mm |
| assembly width  | 100 mm   |
| assembly height | 126 mm   |

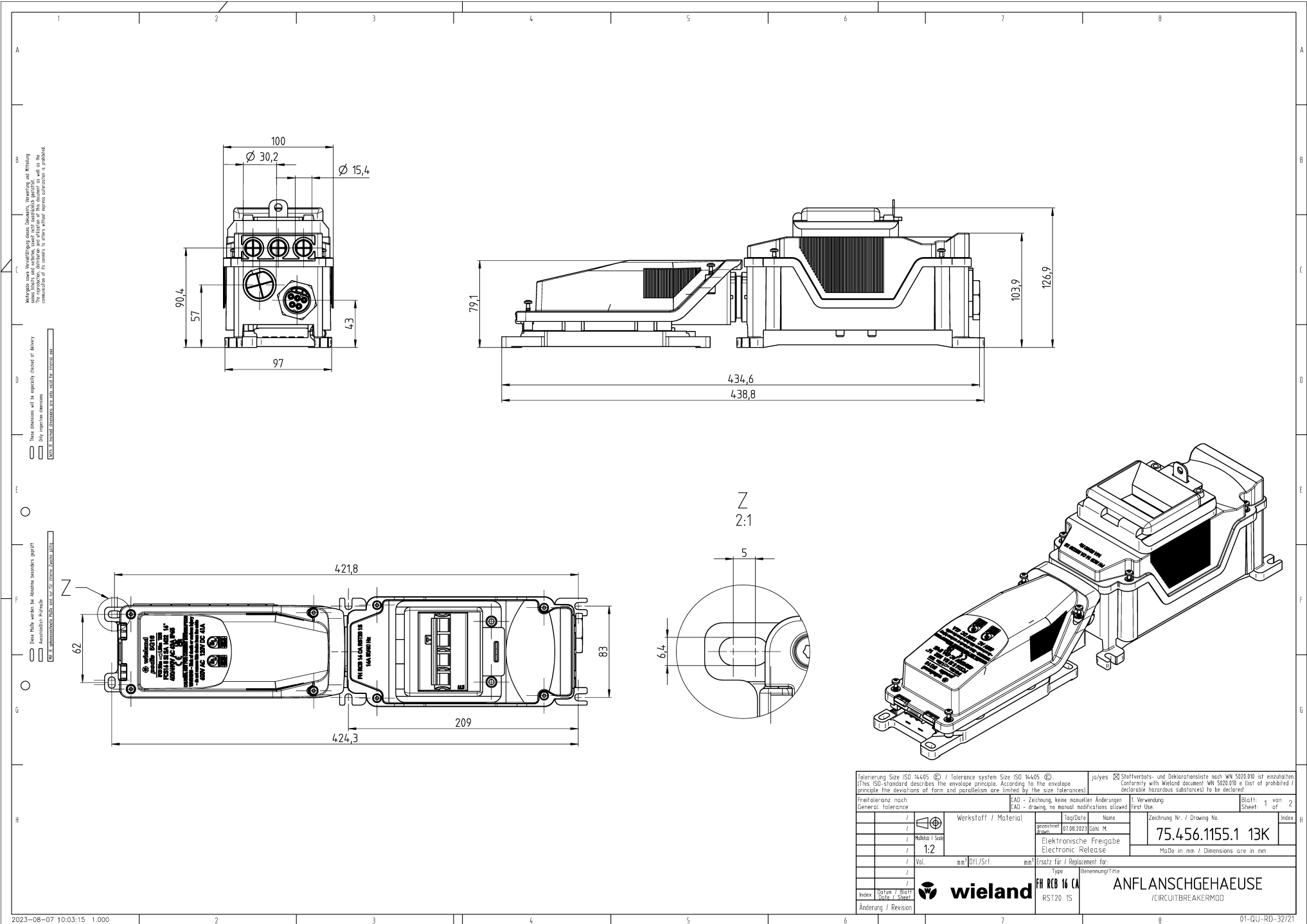
## accessories

| item no. | type | description |
|----------|------|-------------|
|----------|------|-------------|

|               |                               |                                                                                                |
|---------------|-------------------------------|------------------------------------------------------------------------------------------------|
| 99.530.0000.7 | cover for female connector SW | RST20i5/4 cover piece, for covering unused female connectors, with fastening belt, color black |
| Z5.565.9853.1 | cover for female connector SW | RST20i5/4 cover piece, for covering unused female connectors, color black                      |

#### 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 |
| 99.473.0124.0 | cable assembly RST20i5KS-S 25H 05SW | RST® CLASSIC connection cable, free end - male, number of poles 5, rated voltage 400 V / 250 V, rated current 20 A, cable type H05Z1Z1-F, fire class Cca s1 d1 a1, total length 0.5 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier black                                    |
| 99.474.0124.0 | cable assembly RST20i5KS-S 25H 10SW | RST® CLASSIC connection cable, free end - male, number of poles 5, rated voltage 400 V / 250 V, rated current 20 A, cable type H05Z1Z1-F, fire class Cca s1 d1 a1, total length 1 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier black                                      |
| 99.475.0124.0 | cable assembly RST20i5KS-S 25H 15SW | RST® CLASSIC connection cable, free end - male, number of poles 5, rated voltage 400 V / 250 V, rated current 20 A, cable type H05Z1Z1-F, fire class Cca s1 d1 a1, total length 1.5 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier black                                    |
| 99.476.0124.0 | cable assembly RST20i5KS-S 25H 20SW | RST® CLASSIC connection cable, free end - male, number of poles 5, rated voltage 400 V / 250 V, rated current 20 A, cable type H05Z1Z1-F, fire class Cca s1 d1 a1, total length 2 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier black                                      |
| 99.477.0124.0 | cable assembly RST20i5KS-S 25H 25SW | RST® CLASSIC connection cable, free end - male, number of poles 5, rated voltage 400 V / 250 V, rated current 20 A, cable type H05Z1Z1-F, fire class Cca s1 d1 a1, total length 2.5 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier black                                    |
| 99.478.0124.0 | cable assembly RST20i5KS-S 25H 30SW | RST® CLASSIC connection cable, free end - male, number of poles 5, rated voltage 400 V / 250 V, rated current 20 A, cable type H05Z1Z1-F, fire class Cca s1 d1 a1, total length 3 m, nominal cross section conductor 2.5 mm², color of coding/ contact carrier black,                                     |



|                                                                                                                                                                     |  |                                                |  |                                                                                                                    |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------|--|
| Tolerierung Size ISO 14405 (D) / Tolerance system Size ISO 14405 (D)                                                                                                |  | ja/yes                                         |  | Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten                                               |  |
| (This ISO-standard describes the envelope principle. According to the envelope principle the deviations of form and parallelism are limited by the size tolerances) |  | EAD - Zeichnung, keine manuellen Änderungen    |  | Conformity with Wieland document WN 5020.010 a list of prohibited (declarable hazardous substances) to be declared |  |
| Freitoleranz nach General Tolerance                                                                                                                                 |  | EAD - drawing, no manual modifications allowed |  | Verwendung first use                                                                                               |  |
| Werkstoff / Material                                                                                                                                                |  | Tag/Date                                       |  | Name                                                                                                               |  |
| Maßstab / Scale                                                                                                                                                     |  | gezeichnet / drawn                             |  | 07.08.2023 GBN M                                                                                                   |  |
| Vol.                                                                                                                                                                |  | mm³                                            |  | Erstanz für / Replacement for                                                                                      |  |
| Index                                                                                                                                                               |  | Datum / NOTIF                                  |  | Type                                                                                                               |  |
| Änderung / Revision                                                                                                                                                 |  | Index                                          |  | Benennung / Title                                                                                                  |  |
| 1:2                                                                                                                                                                 |  | FH RCB 16 CA                                   |  | ANFLANSCHGEHAUSE                                                                                                   |  |
| RST20 1S                                                                                                                                                            |  | RST20 1S                                       |  | /CIRCUITBREAKERMOD                                                                                                 |  |
| Wieland                                                                                                                                                             |  | Wieland                                        |  | Wieland                                                                                                            |  |