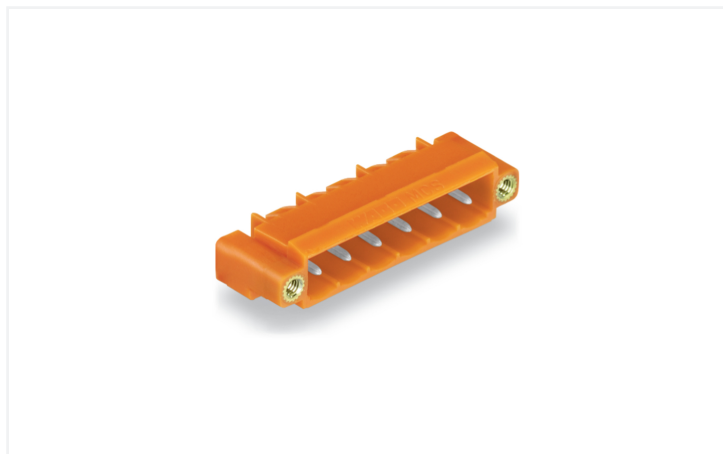


## Data Sheet | Item Number: 231-532/108-000

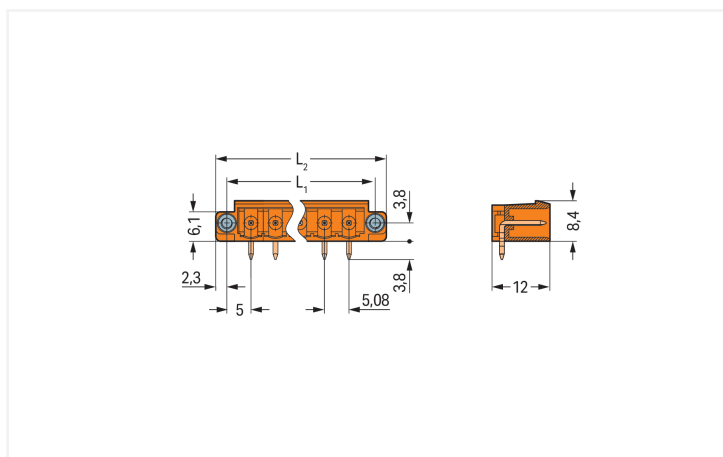
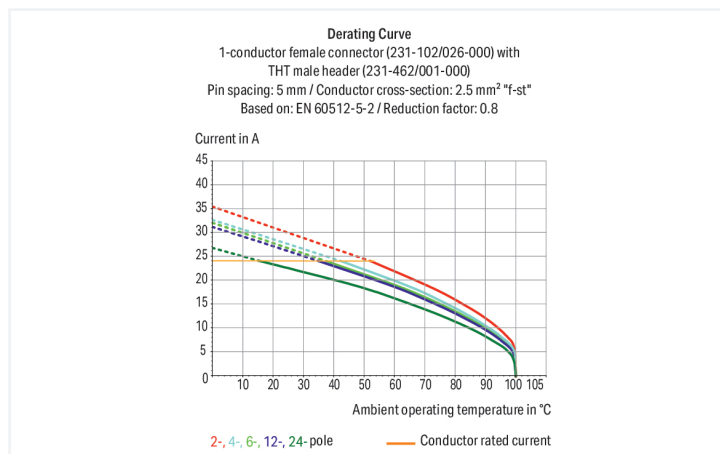
THT male header; 1.0 x 1.0 mm solder pin; angled; Threaded flange; Pin spacing 5.08 mm; 2-pole; orange

<https://www.wago.com/231-532/108-000>



Color: ■ orange

Similar to illustration



Dimensions in mm

$L1 = (\text{pole no.} \times \text{pin spacing}) + 5.4 \text{ mm}$   
 $L2 = (\text{pole no.} \times \text{pin spacing}) + 10 \text{ mm}$

Male connector, 231 Series, orange

Our male connector (item number 231-532/108-000) simplifies electrical installations. Dimensions: (20.16 x 12.2 x 12) mm (width x height x depth).

Tin is used for coating the contact surfaces. THT is used to solder the pcb connector.



| Notes              |                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safety Information | The MCS – MULTI CONNECTION SYSTEM includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated. |
| Variants:          | Other pole numbers<br>3.8 mm pin projection for male headers with straight solder pins<br>Gold-plated or partially gold-plated contact surfaces<br>Other versions (or variants) can be requested from WAGO Sales or configured at <a href="https://configurator.wago.com/">https://configurator.wago.com/</a> .                                                                                                         |

| Electrical data                 |       |                |       |
|---------------------------------|-------|----------------|-------|
| Ratings per                     |       | IEC/EN 60664-1 |       |
| Overvoltage category            | III   | III            | II    |
| Pollution degree                | 3     | 2              | 2     |
| Nominal voltage                 | 320 V | 320 V          | 630 V |
| Rated impulse withstand voltage | 4 kV  | 4 kV           | 4 kV  |
| Rated current                   | 12 A  | 12 A           | 12 A  |
| Approvals per                   |       | UL 1059        |       |
| Use group                       | B     | C              | D     |
| Rated voltage                   | 300 V | -              | 300 V |
| Rated current                   | 10 A  | -              | 10 A  |
| Approvals per                   |       | UL 1977        |       |
| Rated voltage                   | 600 V |                |       |
| Rated current                   | 10 A  |                |       |
| Approvals per                   |       | CSA            |       |
| Use group                       | B     | C              | D     |
| Rated voltage                   | 300 V | -              | 300 V |
| Rated current                   | 10 A  | -              | 10 A  |

| Connection Data            |   |
|----------------------------|---|
| Total number of potentials | 2 |
| Number of connection types | 1 |
| Number of levels           | 1 |
| Connection 1               |   |
| Pole number                | 2 |

| Physical data           |                         |
|-------------------------|-------------------------|
| Pin spacing             | 5.08 mm / 0.2 inches    |
| Width                   | 20.16 mm / 0.794 inches |
| Height                  | 12.2 mm / 0.48 inches   |
| Height from the surface | 8.4 mm / 0.331 inches   |
| Depth                   | 12 mm / 0.472 inches    |
| Solder pin length       | 3.8 mm                  |
| Solder pin dimensions   | 1 x 1 mm                |
| !                       | 1.4 (+0.1) mm           |

| Mechanical data          |     |
|--------------------------|-----|
| Variable coding          | Yes |
| Anti-rotation protection | Yes |



| Plug-in connection                 |                     |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector (connection type)        | for PCB             |
| Mismating protection               | No                  |
| Mating direction to the PCB        | 0°                  |
| Locking of plug-in connection      | Threaded flange     |

| PCB contact                         |                                          |
|-------------------------------------|------------------------------------------|
| PCB contact                         | THT                                      |
| Solder pin arrangement              | over the entire male connector (in-line) |
| Number of solder pins per potential | 1                                        |

| Material data                      |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|
| Note (material data)               | <a href="#">Information on material specifications can be found here</a> |
| Color                              | orange                                                                   |
| Material group                     | I                                                                        |
| Insulation material (main housing) | Polyamide (PA66)                                                         |
| Flammability class per UL94        | V0                                                                       |
| Contact material                   | Electrolytic copper (E <sub>Cu</sub> )                                   |
| Contact Plating                    | Tin                                                                      |
| Fire load                          | 0.026 MJ                                                                 |
| Weight                             | 1.5 g                                                                    |

| Environmental requirements                                                                          |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
|-----------------------------------------------------------------------------------------------------|-----------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|--|------------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------|------------------------------------------|----------------------------------------------|----------------------------------------------------|-----------|--------------------------------------------------|--------------|-----------------------------------------------|------------------------|---------|-----------------|-----------------|------------------------------------------------|--------|-----------------------------------------------------|--------|---------------------------------------------------------------------------------|----------------------------------------------------|-----------|--------------------------------------------------|--------------|-----------------------------------------------|------------------------|-----|-----------------|-----------------|------------------------------------------------------------------|--------|-----------------------------------------------------------------------|--------|------------|-----------------------------------------------------|
| Limit temperature range                                                                             | -60 ... +100 °C                                     | <table><tr><th colspan="2">Environmental Testing</th></tr><tr><td>Test specification:<br/>Railway applications –<br/>Rolling stock –<br/>Electronic equipment</td><td>DIN EN 50155 (VDE 0115-200):2022-06</td></tr><tr><td>Test procedure:<br/>Railway applications –<br/>Rolling stock equipment –<br/>Vibration and shock tests</td><td>DIN EN 61373 (VDE 0115-0106):2011-04</td></tr><tr><td>Spectrum/Mounting location</td><td>Service life test, Category 1, Class A/B</td></tr><tr><td>Functional test with noise-like oscillations</td><td>Test passed according to Section 8 of the standard</td></tr><tr><td>Frequency</td><td>f<sub>1</sub> = 5 Hz to f<sub>2</sub> = 150 Hz</td></tr><tr><td>Acceleration</td><td>0.101g (highest test level used for all axes)</td></tr><tr><td>Test duration per axis</td><td>10 min.</td></tr><tr><td>Test directions</td><td>X, Y and Z axes</td></tr><tr><td>Monitoring of contact faults and interruptions</td><td>Passed</td></tr><tr><td>Voltage drop measurement before and after each axis</td><td>Passed</td></tr><tr><td>Simulated service life test through increased levels of noise-like oscillations</td><td>Test passed according to Section 9 of the standard</td></tr><tr><td>Frequency</td><td>f<sub>1</sub> = 5 Hz to f<sub>2</sub> = 150 Hz</td></tr><tr><td>Acceleration</td><td>0.572g (highest test level used for all axes)</td></tr><tr><td>Test duration per axis</td><td>5 h</td></tr><tr><td>Test directions</td><td>X, Y and Z axes</td></tr><tr><td>Extended testing: Monitoring of contact faults and interruptions</td><td>Passed</td></tr><tr><td>Extended testing: Voltage drop measurement before and after each axis</td><td>Passed</td></tr><tr><td>Shock test</td><td>Test passed according to Section 10 of the standard</td></tr></table> | Environmental Testing |  | Test specification:<br>Railway applications –<br>Rolling stock –<br>Electronic equipment | DIN EN 50155 (VDE 0115-200):2022-06 | Test procedure:<br>Railway applications –<br>Rolling stock equipment –<br>Vibration and shock tests | DIN EN 61373 (VDE 0115-0106):2011-04 | Spectrum/Mounting location | Service life test, Category 1, Class A/B | Functional test with noise-like oscillations | Test passed according to Section 8 of the standard | Frequency | f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz | Acceleration | 0.101g (highest test level used for all axes) | Test duration per axis | 10 min. | Test directions | X, Y and Z axes | Monitoring of contact faults and interruptions | Passed | Voltage drop measurement before and after each axis | Passed | Simulated service life test through increased levels of noise-like oscillations | Test passed according to Section 9 of the standard | Frequency | f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz | Acceleration | 0.572g (highest test level used for all axes) | Test duration per axis | 5 h | Test directions | X, Y and Z axes | Extended testing: Monitoring of contact faults and interruptions | Passed | Extended testing: Voltage drop measurement before and after each axis | Passed | Shock test | Test passed according to Section 10 of the standard |
| Environmental Testing                                                                               |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Test specification:<br>Railway applications –<br>Rolling stock –<br>Electronic equipment            | DIN EN 50155 (VDE 0115-200):2022-06                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Test procedure:<br>Railway applications –<br>Rolling stock equipment –<br>Vibration and shock tests | DIN EN 61373 (VDE 0115-0106):2011-04                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Spectrum/Mounting location                                                                          | Service life test, Category 1, Class A/B            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Functional test with noise-like oscillations                                                        | Test passed according to Section 8 of the standard  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Frequency                                                                                           | f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Acceleration                                                                                        | 0.101g (highest test level used for all axes)       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Test duration per axis                                                                              | 10 min.                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Test directions                                                                                     | X, Y and Z axes                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Monitoring of contact faults and interruptions                                                      | Passed                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Voltage drop measurement before and after each axis                                                 | Passed                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Simulated service life test through increased levels of noise-like oscillations                     | Test passed according to Section 9 of the standard  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Frequency                                                                                           | f <sub>1</sub> = 5 Hz to f <sub>2</sub> = 150 Hz    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Acceleration                                                                                        | 0.572g (highest test level used for all axes)       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Test duration per axis                                                                              | 5 h                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Test directions                                                                                     | X, Y and Z axes                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Extended testing: Monitoring of contact faults and interruptions                                    | Passed                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Extended testing: Voltage drop measurement before and after each axis                               | Passed                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Shock test                                                                                          | Test passed according to Section 10 of the standard |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |
| Processing temperature                                                                              | -35 ... +60 °C                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                       |  |                                                                                          |                                     |                                                                                                     |                                      |                            |                                          |                                              |                                                    |           |                                                  |              |                                               |                        |         |                 |                 |                                                |        |                                                     |        |                                                                                 |                                                    |           |                                                  |              |                                               |                        |     |                 |                 |                                                                  |        |                                                                       |        |            |                                                     |



| Environmental Testing                                                 |                                           |
|-----------------------------------------------------------------------|-------------------------------------------|
| Shock pulse form                                                      | Half sine                                 |
| Acceleration                                                          | 5g (highest test level used for all axes) |
| Shock duration                                                        | 30 ms                                     |
| Number of shocks (per axis)                                           | 3 pos. und 3 neg.                         |
| Test directions                                                       | X, Y and Z axes                           |
| Extended testing: Monitoring of contact faults and interruptions      | Passed                                    |
| Extended testing: Voltage drop measurement before and after each axis | Passed                                    |
| Vibration and shock stress for rolling stock equipment                | Passed                                    |

| Commercial data       |                        |
|-----------------------|------------------------|
| Product Group         | 3 (Multi Conn. System) |
| PU (SPU)              | 200 pcs                |
| Packaging type        | Box                    |
| Country of origin     | PL                     |
| GTIN                  | 4044918866798          |
| Customs tariff number | 85366930000            |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121409             |
| eCl@ss 10.0            | 27-44-04-02          |
| eCl@ss 9.0             | 27-44-04-02          |
| ETIM 9.0               | EC002637             |
| ETIM 10.0              | EC002637             |
| ECCN                   | NO US CLASSIFICATION |

| Environmental Product Compliance          |                                      |
|-------------------------------------------|--------------------------------------|
| RoHS Compliance Status                    | Compliant,With Exemption             |
| RoHS Exemption                            | 6(c)                                 |
| SCIP notification number (Austria)        | 09c01796-e9df-4150-9093-65279eb7a6cd |
| SCIP notification number (Belgium)        | 73d09bba-7591-4ea9-903f-c93d119b1586 |
| SCIP notification number (Bulgaria)       | 3c4c1f5a-76c5-4923-80cb-79f91c68d136 |
| SCIP notification number (Czech Republic) | b5a79117-209d-404b-849b-ce3000cca35d |
| SCIP notification number (Denmark)        | e14c8b1b-f776-4424-a91b-59fa8ca094b5 |
| SCIP notification number (Finland)        | ebf0e28f-0284-4606-aa69-9935d6a9b60d |
| SCIP notification number (France)         | 114d2e17-28f0-44c0-aa2b-4c955cd11cc1 |
| SCIP notification number (Germany)        | 200aa965-24a6-4fc6-a85c-7ca480c0511d |
| SCIP notification number (Hungary)        | 20b9a933-11f8-43ad-b799-116ca8a850a0 |
| SCIP notification number (Italy)          | e328d323-ca0a-42b9-98bd-f1ce5e01af8a |
| SCIP notification number (Netherlands)    | ade09e6d-dc01-4fea-a62d-5fd0c0ceffc9 |
| SCIP notification number (Poland)         | eee8fdc9-68fd-4ab6-a1b7-a1898007126d |
| SCIP notification number (Romania)        | 97ee6199-8e2e-40ba-9047-7bc473aa7611 |
| SCIP notification number (Sweden)         | 1783d6a7-fc54-4498-8aa6-2739c4ddbc61 |



Approvals / Certificates

General approvals



| Approval                              | Standard | Certificate Name |
|---------------------------------------|----------|------------------|
| CSA<br>DEKRA Certification B.V.       | C22.2    | 1466354          |
| KEMA/KEUR<br>DEKRA Certification B.V. | EN 61984 | 71-130478 REV.1  |
| UL<br>UL International Germany GmbH   | UL 1977  | E45171           |
| UR<br>Underwriters Laboratories Inc.  | UL 1059  | E45172           |

Declarations of conformity and manufacturer's declarations



| Approval                      | Standard | Certificate Name |
|-------------------------------|----------|------------------|
| Railway<br>WAGO GmbH & Co. KG | -        | Railway Ready    |

Approvals for marine applications



| Approval                  | Standard  | Certificate Name |
|---------------------------|-----------|------------------|
| BV<br>Bureau Veritas S.A. | IEC 60998 | 11915/E0 BV      |

Downloads

Environmental Product Compliance

| Compliance Search                                   |
|-----------------------------------------------------|
| Environmental Product Compliance<br>231-532/108-000 |



Documentation

| Additional Information                               |
|------------------------------------------------------|
| Technical Section<br>03.04.2019<br>pdf<br>2027.26 KB |



CAD/CAE-Data

| CAD data                        |
|---------------------------------|
| 2D/3D Models<br>231-532/108-000 |



| CAE data                             |
|--------------------------------------|
| EPLAN Data Portal<br>231-532/108-000 |



|                                 |
|---------------------------------|
| ZUKEN Portal<br>231-532/108-000 |
|---------------------------------|



|                                                                |  |
|----------------------------------------------------------------|--|
| PCB Design                                                     |  |
| Symbol and Footprint<br>via SamacSys<br>231-532/108-000        |  |
| Symbol and Footprint<br>via Ultra Librarian<br>231-532/108-000 |  |

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



[Item No.: 231-302/107-000](#)  
1-conductor female connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5.08 mm; 2-pole; Screw flange; orange



[Item No.: 2231-302/107-000](#)  
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5.08 mm; 2-pole; Screw flange; 2,50 mm²; orange



[Item No.: 231-2302/107-000](#)  
2-conductor female connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 5.08 mm; 2-pole; Screw flange; orange

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



[Item No.: 231-129](#)  
Coding key; snap-on type; light gray

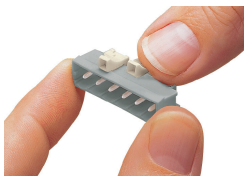
1.2.1.2 Intermediate plate



[Item No.: 231-500](#)  
Spacer; for formation of groups; light gray

Installation Notes

Coding



Coding a male header – fitting coding key (s).