

**SD12-500-C2417 (Order no. 122058)**

## Technical data

### Electrical connection values

|                                 |       |
|---------------------------------|-------|
| Rated voltage                   | 250 V |
| Rated impulse voltage $U_{imp}$ | 4 kV  |
| Contact resistance              | 5 mΩ  |
| Nominal current                 | 6 A   |
| Test voltage                    |       |

### Mechanical values and environment

|                                     |                       |
|-------------------------------------|-----------------------|
| Conductor cross-section             | 0.5 mm <sup>2</sup>   |
| Number of conductors                | 12                    |
| Dynamic bending radius              | 12.5 x outer diameter |
| Static bending radius               | 4 x outer diameter    |
| Storage temperature                 | -40 ... 80 °C         |
| Cable type                          | straight              |
| Cable diameter                      |                       |
|                                     | approx. 8.9 mm        |
| Cable length                        | 0.5 m                 |
| Drag chain suitability              | No                    |
| Cable ambient temperature (dynamic) | -5 ... 70 °C          |
| Cable ambient temperature (static)  | -40 ... 80 °C         |
| Material                            |                       |

Sheath PUR

### Connection 2

|                 |                 |
|-----------------|-----------------|
| Conductor end   | Sheath stripped |
| Connection type | flying lead     |

### Connection 1

|                 |                     |
|-----------------|---------------------|
| Connection type | Plug connector SD12 |
| Connection type | Male socket         |
| Cable outlet    | straight            |
| Number of pins  | 12<br>(11+PE)       |

|                      |   |
|----------------------|---|
| Degree of protection | IP65<br>(Only in the screwed tight state) |
|----------------------|---|

|           |                  |
|-----------|------------------|
| Plug lock | Screw connection |
|-----------|------------------|

|              |                              |
|--------------|------------------------------|
| Material     |                              |
| Plug housing | Brass, matte chromium plated |

**Miscellaneous**

|          |  |
|----------|--|
| C number |  |
| C2417    | Special wiring, pins 7-11 not used (7-pin) |