



General ordering data

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|------------------|--|
| Order No. | 8155580000 |
| Part designation | RS F40 LPK 2H/42 |
| Version | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 40 |
| EAN | 4008190071530 |
| Qty. | 1 pc(s). |

Connection data

| | |
|---|---|
| Connection on control side | Plug-in connector, acc. to IEC 603-1/ DIN 41651 |
| Connection on process side | PCB terminal LPK 2 H |
| Contact assembly | 40-pole |
| Implementation of connection level / plug connector | 1:1 |

Ratings

| | |
|-----------------------------------|------------------|
| Ambient temperature (operational) | 0 °C...+55 °C |
| Number of signals | 40 |
| Rated control voltage | 60 V AC/ 75 V DC |
| Rated current per connection | 1 A |
| Storage temperature | -40 °C...+70 °C |
| Test torque | 0.4 Nm |
| Test voltage (~eff) | 1 kV |

Insulation coordination (EN 50 178)

| | |
|----------------------|-----|
| Overvoltage category | III |
| Pollution severity | 2 |

Connection cross-section

| | |
|-------------------------|---------------------|
| Flexible, max. (H07V-U) | 1.5 mm ² |
| Flexible, max. AEHK | 1.5 mm ² |
| Flexible, min. (AEHK) | 0.5 mm ² |
| Flexible, min. (H07V-U) | 0.5 mm ² |
| Solid, max. (H07V-U) | 2.5 mm ² |
| Solid, min. (H07V-U) | 0.5 mm ² |

Connection cross-section

Stripping length 7 mm

Dimensions

Clamping range, max. 2.5 mm²
 Clamping range, min. 0.5 mm²
 Clamping range, nom. 1.5 mm²
 Length 45 mm
 Height 65.5 mm
 Width 121 mm

Approvals

Approvals institutes **n.a.**

Classifications

ETIM 2.0 EC001419
 ETIM 3.0 EC001419
 eClass 4.1 27-24-04-04
 eClass 5.0 27-24-22-04
 eClass 5.1 27-24-22-04

Similar products

| Order No. | Part designation | Version |
|------------|------------------|--|
| 8155610000 | RS F10 LPK 2H/12 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 10 |
| 8258980000 | RS F14 LPK 2H/16 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 14 |
| 8265540000 | RS F16 LPK 2H/18 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 16 |
| 8155600000 | RS F20 LPK 2H/22 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 20 |
| 8213470000 | RS F26 LPK 2H/28 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 26 |
| 8155590000 | RS F34 LPK 2H/36 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 34 |
| 8155570000 | RS F50 LPK 2H/52 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 50 |
| 8259000000 | RS F60 LPK 2H/62 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 60 |
| 8155550000 | RS F64 LPK 2H/66 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 64 |