



#### General ordering data

|                  |  |
|------------------|--|
| Order No.        | 8155600000   |
| Part designation | RS F20 LPK 2H/22   |
| Version          | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 20 |
| EAN              | 4008190151058  |
| 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                                    | 20-pole   |
| Implementation of connection level / plug connector | 1:1   |

#### Ratings

|                                   |                  |
|-----------------------------------|------------------|
| Ambient temperature (operational) | 0 °C...+55 °C    |
| Number of signals                 | 20               |
| 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 <sup>2</sup> |
| Flexible, max. AEHK     | 1.5 mm <sup>2</sup> |
| Flexible, min. (AEHK)   | 0.5 mm <sup>2</sup> |
| Flexible, min. (H07V-U) | 0.5 mm <sup>2</sup> |
| Solid, max. (H07V-U)    | 2.5 mm <sup>2</sup> |
| Solid, min. (H07V-U)    | 0.5 mm <sup>2</sup> |

#### Connection cross-section

Stripping length 7 mm

#### Dimensions

Clamping range, max. 2.5 mm<sup>2</sup>  
 Clamping range, min. 0.5 mm<sup>2</sup>  
 Clamping range, nom. 1.5 mm<sup>2</sup>  
 Length 45 mm  
 Height 65.5 mm  
 Width 71 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 |
| 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 |
| 8155580000 | RS F40 LPK 2H/42 | Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 40 |
| 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 |