



#### General ordering data

Order No.	8155570000
Part designation	RS F50 LPK 2H/52
Version	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 50
EAN	4008190078188
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	50-pole
Implementation of connection level / plug connector	1:1

#### Ratings

Ambient temperature (operational)	0 °C...+55 °C
Number of signals	50
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 151 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
8155580000	RS F40 LPK 2H/42	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 40
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