



General ordering data

Order No.	8012950000
Part designation	RS F50 LP3R 3/51
Version	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 50
EAN	4008190126810
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 LP3R
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	0.5 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	2.5 mm ²
Flexible, min. (AEHK)	0.5 mm ²
Flexible, min. (H07V-U)	0.5 mm ²
Solid, max. (H07V-U)	4 mm ²
Solid, min. (H07V-U)	0.5 mm ²

Connection cross-section

Stripping length 7 mm

Dimensions

Clamping range, max. 4 mm²
 Clamping range, min. 0.5 mm²
 Clamping range, nom. 2.5 mm²
 Length 87 mm
 Height 76 mm
 Width 95 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
8012850000	RS F10 LP3R 3/12	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 10
0224961001	RS F10 LP2N 5/10	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 10
8012860000	RS F14 LP3R 3/14	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 14
0225061001	RS F14 LP2N 5/14	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 14
8012870000	RS F16 LP3R 3/18	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 16
0225161001	RS F16 LP2N 5/16	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 16
8012910000	RS F20 LP3R 3/21	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 20
0224261001	RS F20 LP2N 5/20	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 20
8012920000	RS F26 LP3R 3/27	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 26
0224861001	RS F26 LP2N 5/26	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 26
8012930000	RS F34 LP3R 3/36	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 34
0224361001	RS F34 LP2N 5/34	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 34
8012940000	RS F40 LP3R 3/42	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 40

0224461001	RS F40 LP2N 5/40	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 40
0224561001	RS F50 LP2N 5/50	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 50
8012960000	RS F60 LP3R 3/63	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 60
0224661001	RS F60 LP2N 5/60	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 60
8012970000	RS F64 LP3R 3/66	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 64
0224761001	RS F64 LP2N 5/64	Interface unit, Plug-in connector, acc. to IEC 603-1/ DIN 41651, Number of signals: 64