



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



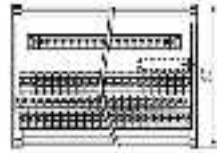
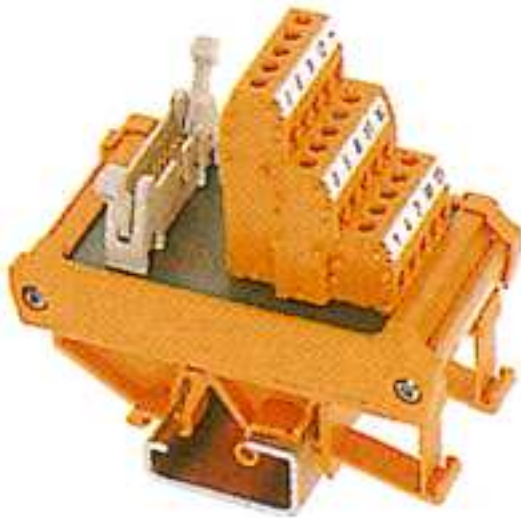
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General ordering data

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