



General ordering data

Order No.	8019920000
Part designation	RS SD50B LP3R
Version	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 50
EAN	4008190108922
Qty.	1 pc(s).

Connection data

Connection on control side	D-SUB, acc. to IEC 807-2
Connection on process side	PCB terminal LP3R
Contact assembly	50-pole
Design	Socket connector
Implementation of connection level / plug connector	1:1

Ratings

Ambient temperature (operational)	0 °C...+55 °C
Number of signals	50
Rated control voltage	125 V AC/ 150 V DC
Rated cross-section	2.5 mm ²
Rated current per connection	1.5 A
Storage temperature	-40 °C...+70 °C
Test torque	0.5 Nm
Test voltage (~eff)	0.6 kV

Insulation coordination (EN 50 178)

Overvoltage category	III
Pollution severity	2

Connection cross-section

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

Connection cross-section

Solid, max. (H07V-U)	4 mm ²
Solid, min. (H07V-U)	0.5 mm ²
Stripping length	7 mm

Dimensions

Clamping range, max.	4 mm ²
Clamping range, min.	0.5 mm ²
Clamping range, nom.	2.5 mm ²
Length	87 mm
Height	80 mm
Width	100 mm

Approvals

Approvals institutes	n.a.
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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
8005211001	RS SD15B UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8005201001	RS SD15S UNC 4.40	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8003901001	RS SD9S UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8003881001	RS SD37S UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8003911001	RS SD9B UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8005191001	RS SD25B UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8005181001	RS SD25S UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8003891001	RS SD37B UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8005171001	RS SD50B UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8005161001	RS SD50S UNC 4.40 LP2N	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8019930000	RS SD9S LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8019940000	RS SD15S LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 15
8019950000	RS SD25S LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 25
8019960000	RS SD37S LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 37
8019970000	RS SD50S LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 50
8019880000	RS SD9B LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 9
8019890000	RS SD15B LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 15
8019900000	RS SD25B LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 25
8019910000	RS SD37B LP3R	Interface unit, D-SUB, acc. to IEC 807-2, Number of signals: 37