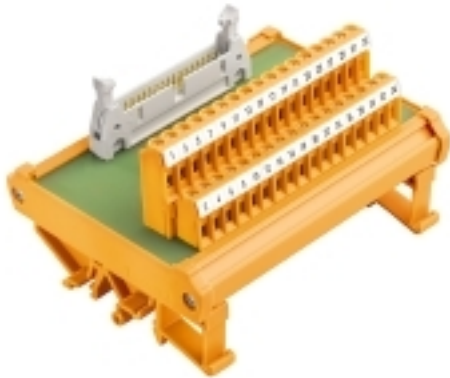


**RSF
RS F50 LP2N 5/50**

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Similar to illustration

Passive interfaces for signal transmission on a flat-cable connector equipped with a clamping-yoke connection in accordance with IEC 603-1 / DIN 41651.

The main features include:

- Group with 10- to 64-pole connectors
- One-to-one electrical connection between controller and field connections.
- Very compact modules can be attached to conventional TS35 or TS32 mounting rails.
- Longer attachment hooks

General ordering data

Type	RS F50 LP2N 5/50
Order No.	0224561001
Version	Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 50-pole, Screw connection
GTIN (EAN)	4032248047031
Qty.	1 pc(s).

Creation date April 30, 2020 7:46:25 PM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Length	145 mm	Length (inches)	5.709 inch
Width	87 mm	Width (inches)	3.425 inch
Height	70 mm	Height (inches)	2.756 inch
Net weight	260 g		

Temperatures

Operating temperature, max.	55 °C	Operating temperature, min.	0 °C
Storage temperature, max.	60 °C	Storage temperature, min.	-40 °C
Operating temperature	0...55 °C	Storage temperature	-40...60 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Connection Data

Connection on control side	Plug-in connector in acc. with IEC60603-13 / DIN41651	Number of poles (control side)	50-pole
Connection (field side)	LP2N 5.08mm	Earthing	No

Rating data

Rated voltage	60 V AC / 75 V DC	Rated current per connection	1 A
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Insulation coordination (EN50178)

According to	DIN EN 50178	Rated insulation voltage	100 V
Surge voltage category	II	Pollution severity level	2
Pulse voltage test (1,2/50µs)	0.8 kV		

Connection field

Type of connection	Screw connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	6 mm ²	Solid, min. H05(07) V-U	0.5 mm ²
Solid, max. H05(07) V-U	6 mm ²	Flexible, min. H05(07) V-K	0.5 mm ²
Flexible, max. H05(07) V-K	4 mm ²	Flexible with sleeve, max.	2.5 mm ²
Flexible with sleeve, min.	0.5 mm ²	Sleeve with plastic collar, max.	2.5 mm ²
Min. wire cross-section, AWG	AWG 26	Max. wire cross-section, AWG	AWG 12
Tightening torque, min.	0.5 Nm	Tightening torque, max.	0.6 Nm
Stripping length	6 mm		

Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
eClass 9.0	27-14-11-52	eClass 9.1	27-14-11-52
eClass 10.0	27-14-11-52	UNSPSC	30-21-18-01

Data sheet**RSF
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Approvals



ROHS

Conform

DownloadsApproval/Certificate/Document of
Conformity[K318_01_11.pdf](#)

Brochure/Catalogue

[CAT 4.5 ELECTR 16/17 EN](#)

Engineering Data

[WSCAD](#)

Data sheet

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Drawings



N: Number of poles

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Accessories

TS 32



General ordering data

Type	TS 32X15 2M/ST/ZN	Version
Order No.	0122800000	Rail, TS 32, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190066307	
Qty.	2 m	
Type	TS 32X15/LL 2M/ST/ZN	Version
Order No.	0514400000	Rail, TS 32, with slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190086152	
Qty.	2 m	
Type	TS 32X15 2M/AL/BK	Version
Order No.	0169300000	Rail, TS 32, without slot, Aluminium, untreated
GTIN (EAN)	4008190105167	
Qty.	2 m	
Type	TS 32X15 2M/CRN	Version
Order No.	0293220000	Rail, TS 32, without slot, Stainless steel, rust-proof, untreated
GTIN (EAN)	4032248014026	
Qty.	2 m	

End bracket



Klippon® Connect with clamping yoke Technology

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Type	EW 35/SCHA/M3	Version
Order No.	0258660000	Accessories, End bracket
GTIN (EAN)	4008190033477	
Qty.	20 pc(s).	
Type	EWK 2	Version
Order No.	0199360000	Accessories, End bracket
GTIN (EAN)	4008190023546	
Qty.	50 pc(s).	

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Accessories

Type	EW 35 GR 7032	Version
Order No.	0383530000	Accessories, End bracket
GTIN (EAN)	4008190027322	
Qty.	50 pc(s).	
Type	EW 35	Version
Order No.	0383560000	Accessories, End bracket
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	

End brackets



Klippon® Connect with clamping yoke Technology

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General ordering data

Type	WEW 35/1	Version
Order No.	1059000000	W-Series, End bracket
GTIN (EAN)	4008190172282	
Qty.	50 pc(s).	
Type	WEW 35/2	Version
Order No.	1061200000	W-Series, End bracket
GTIN (EAN)	4008190030230	
Qty.	100 pc(s).	

TS 35



General ordering data

Type	TS 35X15/LL 1M/ST/ZN	Version
Order No.	0236510000	Rail, TS 35, TS 35 x 15, with slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190017699	
Qty.	1 m	
Type	TS 35X7.5 2M/ST/SZ	Version
Order No.	9300090000	Rail, TS 35, TS 35 x 7.5, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4032248387564	
Qty.	2 m	

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Accessories

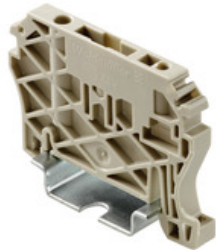
Type	TS 35X15 2M/ST/ZN	Version
Order No.	0236400000	Rail, TS 35, TS 35 x 15, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190114558	
Qty.	2 m	
Type	TSK 35X15 2M PVC/GR	Version
Order No.	0514300000	Rail, TS 35, TS 35 x 15, without slot, PVC, untreated
GTIN (EAN)	4008190052263	
Qty.	2 m	
Type	TS 35X7.5 2M/AL/BK	Version
Order No.	0330800000	Rail, TS 35, TS 35 x 7.5, without slot, Aluminium, untreated
GTIN (EAN)	4008190100650	
Qty.	2 m	
Type	TS 35X7.5/LL 2M/ST/SZ	Version
Order No.	7915060000	Rail, TS 35, TS 35 x 7.5, with slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4032248296279	
Qty.	2 m	
Type	TS 35X7.5 2M/ST/ZN	Version
Order No.	0383400000	Rail, TS 35, TS 35 x 7.5, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190088026	
Qty.	2 m	
Type	TS 35X7.5/LL 2M/ST/ZN	Version
Order No.	0514500000	Rail, TS 35, TS 35 x 7.5, with slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190046019	
Qty.	2 m	
Type	TS 35X7.5/LL 1M/ST/ZN	Version
Order No.	0514510000	Rail, TS 35, TS 35 x 7.5, with slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190116620	
Qty.	1 m	
Type	TS 35X7.5 2M/CRN	Version
Order No.	1747350000	Rail, TS 35, TS 35 x 7.5, without slot, Stainless steel, rust-proof, untreated
GTIN (EAN)	4032248003372	
Qty.	2 m	
Type	TS 35X15/2.3 2M/ST/ZN	Version
Order No.	0498000000	Rail, TS 35, TS 35 x 15, without slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190042493	
Qty.	2 m	
Type	TS 35X7.5 1M/ST/ZN	Version
Order No.	0383410000	Rail, TS 35, TS 35 x 7.5, without slot, Steel, galvanized, chromium-plated
GTIN (EAN)	4008190115623	
Qty.	1 m	
Type	TS 35X15/LL 2M/ST/ZN	Version
Order No.	0236500000	Rail, TS 35, TS 35 x 15, with slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4008190183967	
Qty.	2 m	
Type	TS 35X15/LL 2M/ST/SZ	Version
Order No.	7907490000	Rail, TS 35, TS 35 x 15, with slot, Steel, galvanic zinc plated and passivated
GTIN (EAN)	4032248296262	
Qty.	2 m	

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Accessories

End brackets



Spring connection with tension clamp Technology

Tension clamp technology is a universal contact system for all common conductor connection types. Its fantastic level of flexibility makes the tension clamp a profitable alternative connection.

General ordering data

Type	ZEW 35/2	Version
Order No.	8630740000	Z-series, End bracket
GTIN (EAN)	4032248348916	
Qty.	20 pc(s).	
Type	ZEW 35	Version
Order No.	9540000000	Z-series, End bracket
GTIN (EAN)	4008190956264	
Qty.	20 pc(s).	