

RS
TBY-RS-UNIV-SP-2KS-Z

Weidmüller Interface GmbH & Co. KG
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Similar to illustration

Analogue interfaces are equipped with 40-pole connectors (KS). Versions are available with disconnecting plugs and test points which are extremely useful for voltage and current measurements. There are also versions with useful additional pins for customers who wish to incorporate other elements (resistor ...) for converting voltage/current or monitoring the current loop.

General ordering data

Type	TBY-RS-UNIV-SP-2KS-Z
Order No.	1371370000
Version	Interface, RS, 2 x KS (40P), LM2NZF 5.08mm
GTIN (EAN)	4050118207149
Qty.	1 pc(s).

Creation date May 3, 2020 7:25:16 AM CEST

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

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Technical data
Dimensions and weights

Length	112 mm	Length (inches)	4.409 inch
Width	109 mm	Width (inches)	4.291 inch
Height	65 mm	Height (inches)	2.559 inch
Net weight	202 g		

Temperatures

Operating temperature, max.	70 °C	Operating temperature, min.	-25 °C
Storage temperature, max.	85 °C	Storage temperature, min.	-40 °C
Operating temperature	-25...70 °C	Storage temperature	-40...85 °C

General data

LED status display per channel	No	Disconnection per channel	No
Type of test point	Soldering tags	Switch	No
Fuse per channel	No	LED status of the supply voltage	No
Power supply fuse	No		

Connection data

Connection to PLC	Yokogawa ProSafe	Connection to the card	SAI143, SAV144, SAI553
Connection on control side	2 x KS (40P)	Number of poles (control side)	40-pole plug
Connection (field side)	LM2NZF 5.08mm		

Ratings data

Operating voltage	50 V AC / 70 V DC	Max. current for common pole	1 A
Max. current per channel	1 A		

Insulation coordination (EN50178)

Rated insulation voltage	< 50 V AC	Surge voltage category	III
Pollution severity level	2	Pulse voltage test (1,2/50µs)	0.8 kV
Insulation test voltage	0.35 kVAC		

Connection field

Type of connection	Tension-clamp connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²	Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²	Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Flexible with sleeve, min.	0.25 mm ²	Sleeve with plastic collar, max.	1.5 mm ²
Min. wire cross-section, AWG	AWG 24	Max. wire cross-section, AWG	AWG 14
Stripping length	7.5 mm		

Supply connection

Type of connection	Tension-clamp connection	Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²	Solid, min. H05(07) V-U	0.2 mm ²
Solid, max. H05(07) V-U	2.5 mm ²	Flexible, min. H05(07) V-K	0.2 mm ²
Flexible, max. H05(07) V-K	1.5 mm ²	Flexible with sleeve, max.	1.5 mm ²
Flexible with sleeve, min.	0.25 mm ²	Ferrule with plastic collar, max.	1.5 mm ²
Wire cross-section, min. AWG	AWG 14	Wire cross-section, max. AWG	AWG 24
Stripping length	7.5 mm		

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Data sheet**RS**
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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		

Approvals

Approvals

**Downloads**Brochure/Catalogue [CAT 4.5 ELECTR 16/17 EN](#)

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Drawings

