

**TBY-RS-UNIV-SP-2KS-S****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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**

Version	Interface, RS, 2 x KS (40P), LL2N 5.08 mm
Order No.	<a href="#">1371340000</a>
Type	TBY-RS-UNIV-SP-2KS-S
GTIN (EAN)	4050118207132
Qty.	1 pc(s).

Creation date March 8, 2023 10:13:48 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Depth	70 mm	Depth (inches)	2.756 inch
Height	109 mm	Height (inches)	4.291 inch
Width	112 mm	Width (inches)	4.409 inch
Net weight	202 g		

**Temperatures**

Storage temperature	-40...85 °C	Operating temperature	-25...70 °C
Operating temperature, min.	-25 °C	Operating temperature, max.	70 °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 (field side)	LL2N 5.08 mm	Connection on control side	2 x KS (40P)
Number of poles (control side)	40-pole plug		

**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**

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

**Supply connection**

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

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2

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## Technical data

### Classifications

ETIM 6.0	EC002780	ETIM 7.0	EC002780
ETIM 8.0	EC002780	ECLASS 9.0	27-14-11-52
ECLASS 9.1	27-14-11-52	ECLASS 10.0	27-14-11-52
ECLASS 11.0	27-14-11-52	ECLASS 12.0	27-14-11-52

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	9dd73319-d286-43a8-a0b7-6458fd2c03f9

### Approvals

Approvals



### Downloads

Product Change Notification	<a href="#">20210602 Technical change to TBY interfaces</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Drawings**

