

TBY-C3-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. | 1371640000 |
| Type | TBY-C3-UNIV-SP-2KS-S |
| GTIN (EAN) | 4050118206791 |
| Qty. | 1 pc(s). |

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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 | 220.6 g | | |

Temperatures

| | | | |
|---------------------|-------------|-----------------------|-------------|
| Storage temperature | -40...85 °C | Operating temperature | -25...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 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 AC | 0.35 kV | | |

Connection field

| | | | |
|----------------------------------|---------------------|------------------------------|----------------------|
| Clamping range, max. | 6 mm ² | Clamping range, min. | 0.13 mm ² |
| Flexible with sleeve, max. | 2.5 mm ² | Flexible with sleeve, min. | 0.5 mm ² |
| Flexible, max. H05(07) V-K | 4 mm ² | Flexible, min. H05(07) V-K | 0.5 mm ² |
| Max. wire cross-section, AWG | AWG 12 | Min. wire cross-section, AWG | AWG 26 |
| Sleeve with plastic collar, max. | 2.5 mm ² | Solid, max. H05(07) V-U | 6 mm ² |
| Solid, min. H05(07) V-U | 0.5 mm ² | 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 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. | 2.5 mm ² | Ferrule with plastic collar, max. | 0.5 mm ² |
| 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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Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002780 | ETIM 7.0 | EC002780 |
| ETIM 8.0 | EC002780 | ETIM 9.0 | 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 | ECLASS 13.0 | 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 | 20210602 Technical change to TBY interfaces |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

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