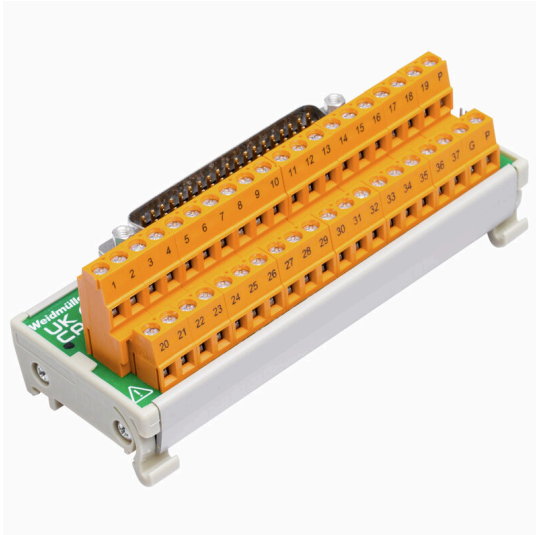


RS SD25S UNC LPK2

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Similar to illustration

Passive interfaces for signal transmission on a SubD connector equipped with a clamping-yoke connection in accordance with IEC 807-2 / DIN 41652. The main features include:

- Group with 9-, 15-, 37- and 50-pole male and female connectors.
- One-to-one electrical connection between controller and field connections.
- Extremely compact modules in RS 45 section for installation on standard TS35 mounting rail.
- Pin for the earth connection.

General ordering data

| | |
|------------|--|
| Version | Interface, RSSD, D-sub connectors, acc. to IEC 60807 / DIN 41652, 25-pole plug, Screw connection |
| Order No. | 8155650000 |
| Type | RS SD25S UNC LPK2 |
| GTIN (EAN) | 4008190039127 |
| Qty. | 1 items |

RS SD25S UNC LPK2

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (UR) E141197

Dimensions and weights

| | | | |
|------------|-------|-----------------|-------------|
| Depth | 66 mm | Depth (inches) | 2.5984 inch |
| Height | 45 mm | Height (inches) | 1.7716 inch |
| Width | 86 mm | Width (inches) | 3.3858 inch |
| Net weight | 136 g | | |

Temperatures

| | | | |
|---------------------|-------------|-----------------------|-----------|
| Storage temperature | -40...70 °C | Operating temperature | 0...55 °C |
|---------------------|-------------|-----------------------|-----------|

Environmental Product Compliance

| | | | |
|--------------------------------------|--------------------------------------|--|--|
| RoHS Compliance Status | Compliant with exemption | | |
| RoHS Exemption (if applicable/known) | 6aI, 6c | | |
| REACH SVHC | Lead 7439-92-1 | | |
| SCIP | 7b5ffb72-271d-4c73-8b09-bd0aaee3697a | | |

Rated data UL

| | | | |
|--------------------------------|-------|--------------------------------|-------|
| Rated current IN | 1.5 A | Operating temperature UL, min. | 0 °C |
| Operating temperature UL, max. | 25 °C | Rated voltage UN | 100 V |

Connection Data

| | | | |
|-----------------------------|--------------------|--------------------------------|---|
| Design of locking system | UNC 4/40 | Number of poles (control side) | 25-pole plug |
| Protective earth connection | Flat-blade contact | Connection (field side) | LPK 2H 5.08mm |
| Earthing | Yes | Connection on control side | D-sub connectors, acc. to IEC 60807 / DIN 41652 |

Rating data

| | | | |
|---------------|-------|------------------------------|-------|
| Rated voltage | 100 V | Rated current per connection | 1.5 A |
|---------------|-------|------------------------------|-------|

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

| | | | |
|----------------------------------|---------------------|----------------------------|---------------------|
| Min. wire cross-section, AWG | AWG 26 | Type of connection | Screw connection |
| Sleeve with plastic collar, max. | 2.5 mm ² | Flexible with sleeve, min. | 0.5 mm ² |
| Flexible with sleeve, max. | 2.5 mm ² | Flexible, max. H05(07) V-K | 4 mm ² |
| Flexible, min. H05(07) V-K | 0.5 mm ² | Solid, max. H05(07) V-U | 6 mm ² |

RS SD25S UNC LPK2

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

| | | | |
|------------------------------|---------------------|-------------------------|----------------------|
| 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 |
| Clamping range, max. | 1.5 mm ² | Clamping range, min. | 0.15 mm ² |
| Max. wire cross-section, AWG | AWG 12 | | |

Standard features

Design Plug

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002780 | ETIM 9.0 | EC002780 |
| ETIM 10.0 | EC002780 | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 | | |

RS SD25S UNC LPK2

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

Drawings

www.weidmueller.com



N: Number of poles

RS SD25S UNC LPK2

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

Steel



Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | TS 35X7.5 2M/ST/ZN | Version | |
| Order No. | 0383400000 | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, | |
| GTIN (EAN) | 4008190088026 | Width: 2000 mm, Height: 35 mm, Depth: 7.5 mm | |
| Qty. | 40 M | | |

End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | EW 35 GR 7032 | Version | |
| Order No. | 0383530000 | End bracket, grey, TS 35, V-0, Wemid, Width: 9 mm, 120 °C | |
| GTIN (EAN) | 4008190027322 | | |
| Qty. | 50 ST | | |

Steel



Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

General ordering data

| | | | |
|------------|----------------------------|---|--|
| Type | TS 35X15/2.3 2M/ST/ZN | Version | |
| Order No. | 0498000000 | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, | |
| GTIN (EAN) | 4008190042493 | Width: 2000 mm, Height: 35 mm, Depth: 15 mm | |
| Qty. | 20 M | | |