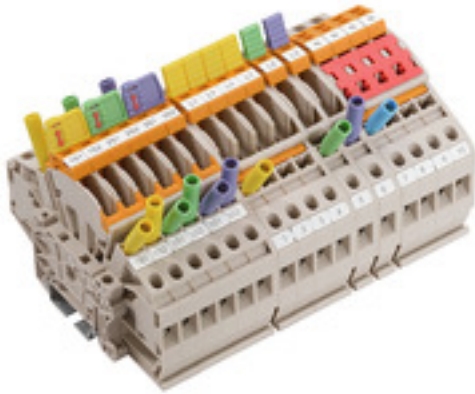


LST VDE FNN Schraube**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Current and voltage transformer wiring**

Our test disconnect terminal blocks featuring spring and screw connection technology allow you to create all the important converter circuits for measuring current, voltage and power in a safe and sophisticated way.

General ordering data

| | |
|------------|---|
| Version | Test-disconnect terminal, Screw connection, 6 mm ² , 500 V, 30 A, Integral test socket: Yes, TS 35, dark beige |
| Order No. | 8000109947 |
| Type | LST VDE FNN Schraube |
| GTIN (EAN) | 4099986658714 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | | | |
|------------|----------|-----------------|------------|
| Depth | 79 mm | Depth (inches) | 3.11 inch |
| Height | 100 mm | Height (inches) | 3.937 inch |
| Width | 152.1 mm | Width (inches) | 5.988 inch |
| Net weight | 750 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -60 °C |
| Continuous operating temp., max. | 130 °C | | |

Material data

| | | | |
|--------------------------------|---------------|---------------------------|------------|
| Material | Wemid | Colour | dark beige |
| Colour of operational elements | Miscellaneous | UL 94 flammability rating | V-0 |

System specifications

| | | | |
|-------------------------------------|----|------------------|-------|
| End cover plate required | No | Number of levels | 1 |
| Number of clamping points per level | 32 | Rail | TS 35 |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|------------------|--------|---------|-----|
| Open sides | closed | Snap-on | Yes |
| Type of mounting | TS 35 | | |

Conductors for clamping (rated connection)

| | | | |
|---|---------------------|---|---------------------|
| Blade size | 0.8 x 4.0 mm | Clamping range, max. | 10 mm ² |
| Clamping range, min. | 0.5 mm ² | Clamping screw | M 3.5 |
| Connection cross-section, stranded, max. | 10 mm ² | Connection cross-section, stranded, min. | 0.5 mm ² |
| Connection direction | on side | Gauge to IEC 60947-1 | A4 |
| Number of connections | 32 | Stripping length | 12 mm |
| Tightening torque, max. | 1.6 Nm | Tightening torque, min. | 0.8 Nm |
| Type of connection | Screw connection | Wire connection cross section AWG, max. | AWG 8 |
| Wire connection cross section AWG, min. | AWG 22 | Wire connection cross section, finely stranded, max. | 10 mm ² |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 6 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² | Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 6 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² | Wire connection cross-section, solid core, max. | 10 mm ² |
| Wire connection cross-section, solid core, min. | 0.5 mm ² | | |

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www.weidmueller.com**Technical data****General**

| | | | |
|---|-------|---|---------------|
| Rail | TS 35 | Standards | IEC 60947-7-1 |
| Wire connection cross section AWG, max. | AWG 8 | Wire connection cross section AWG, min. | AWG 22 |

Rating data

| | | | |
|---------------------------------|-------------------|--------------------|---------------|
| Rated cross-section | 6 mm ² | Rated voltage | 500 V |
| Rated DC voltage | 500 V | Rated current | 30 A |
| Current at maximum wires | 30 A | Standards | IEC 60947-7-1 |
| Rated impulse withstand voltage | 6 kV | Pollution severity | 3 |
| Surge voltage category | III | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000902 | ETIM 7.0 | EC000902 |
| ETIM 8.0 | EC000902 | ETIM 9.0 | EC000902 |
| ECLASS 9.0 | 27-14-11-26 | ECLASS 9.1 | 27-14-11-26 |
| ECLASS 10.0 | 27-14-11-26 | ECLASS 11.0 | 27-14-11-26 |
| ECLASS 12.0 | 27-14-11-26 | ECLASS 13.0 | 27-25-01-09 |

Downloads

| | |
|--------------------|---|
| User Documentation | DATA_SHEET_LST_VDE_FNN_SCHRAUBE_DE DATA_SHEET_LST_VDE_FNN_SCREW_EN |
| Catalogues | Catalogues in PDF-format |

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www.weidmueller.com**Drawings**