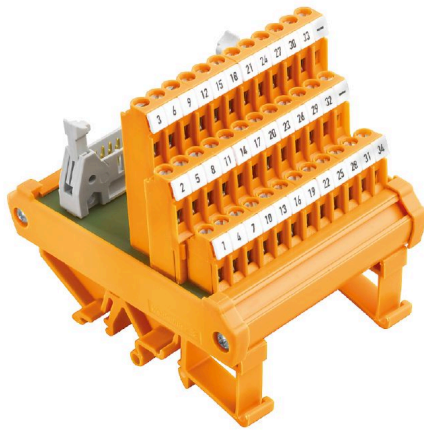


**RS F34 LP3R 3/36****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
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Germany

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Similar to illustration

Passive interfaces for signal transmission on a flat-cable connector equipped with a clamping-yoke connection in accordance with IEC 603-1 / DIN 41651.

The main features include:

- Group with 10- to 64-pole connectors
- One-to-one electrical connection between controller and field connections.
- Very compact triple-level modules can be attached to conventional TS35 or TS32 mounting rails.
- Longer attachment hooks
- Pin for the earth connection.

**General ordering data**

|            |  |
|------------|--|
| Version    | Interface, RSF, Plug-in connector in acc. with IEC60603-13 / DIN41651, 34-pole, Screw connection |
| Order No.  | <a href="#">8012930000</a>   |
| Type       | RS F34 LP3R 3/36   |
| GTIN (EAN) | 4008190187446  |
| Qty.       | 1 items  |

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## Technical data

## Approvals

Approvals



|                       |                            |
|-----------------------|----------------------------|
| ROHS                  | Conform                    |
| UL File Number Search | <a href="#">UL Website</a> |
| Certificate No. (UR)  | E141197                    |

## Dimensions and weights

|            |       |                 |             |
|------------|-------|-----------------|-------------|
| Depth      | 76 mm | Depth (inches)  | 2.9921 inch |
| Height     | 87 mm | Height (inches) | 3.4252 inch |
| Width      | 70 mm | Width (inches)  | 2.7559 inch |
| Net weight | 185 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) | 6c                                   |
| REACH SVHC                           | Lead 7439-92-1                       |
| SCIP                                 | 7b5ffb72-271d-4c73-8b09-bd0aaee3697a |

## Rated data UL

|                                |                     |                                |      |
|--------------------------------|---------------------|--------------------------------|------|
| Rated current IN               | 1 A                 | Operating temperature UL, min. | 0 °C |
| Operating temperature UL, max. | 25 °C               | Rated current I <sub>max</sub> | 1 A  |
| Rated voltage UN               | ≤ 60 V AC / 75 V DC |                                |      |

## Connection Data

|                                |   |                             |                    |
|--------------------------------|---|-----------------------------|--------------------|
| Number of poles (control side) | 34-pole   | Protective earth connection | Flat-blade contact |
| Connection (field side)        | LL3R 5.08 mm  | Earthing                    | Yes                |
| Connection on control side     | Plug-in connector in acc. with IEC60603-13 / DIN41651 |                             |                    |

## Rating data

|               |                   |                              |     |
|---------------|-------------------|------------------------------|-----|
| Rated voltage | 60 V AC / 75 V DC | Rated current per connection | 1 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 <sup>2</sup> | Flexible with sleeve, min. | 0.5 mm <sup>2</sup> |

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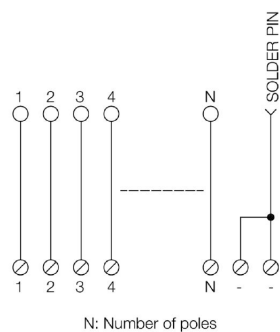
## Technical data

|                              |                     |                            |                     |
|------------------------------|---------------------|----------------------------|---------------------|
| Flexible with sleeve, max.   | 2.5 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> | 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              |
| Clamping range, max.         | 6 mm <sup>2</sup>   | Clamping range, min.       | 0.5 mm <sup>2</sup> |
| Max. wire cross-section, AWG | AWG 12              |                            |                     |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002780    | ETIM 7.0    | EC002780    |
| ETIM 8.0    | EC002780    | ETIM 9.0    | EC002780    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-14-11-52 |
| ECLASS 15.0 | 27-14-11-52 |             |             |

## Drawings



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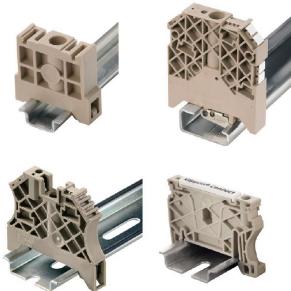
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**Accessories**
**Steel**


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**

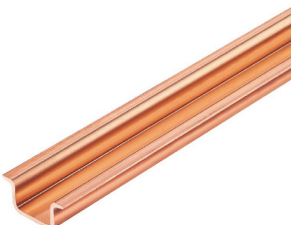
|            |                            |   |
|------------|----------------------------|---|
| Type       | TS 32X15 2M/ST/ZN          | Version   |
| Order No.  | <a href="#">0122800000</a> | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, |
| GTIN (EAN) | 4008190066307              | Width: 2000 mm, Height: 33 mm, Depth: 15 mm                             |
| Qty.       | 20 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       | EWK 2                      | Version   |
| Order No.  | <a href="#">0199360000</a> | End bracket, beige, TS 32, V-0, Wemid, Width: 15 mm, 100 °C |
| GTIN (EAN) | 4008190023546              |   |
| Qty.       | 50 ST                      |   |

**Copper**


Copper has the best electrical conductivity of all metals used. The copper rail has the highest short-circuit protection.

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | TS 35X15/2.3 2M/CU/BK      | Version  |
| Order No.  | <a href="#">0270100000</a> | Terminal rail, Accessories, Copper, untreated, Width: 2000 mm, |
| GTIN (EAN) | 4008190105136              | Height: 35 mm, Depth: 15 mm                                    |
| Qty.       | 20 M                       |  |

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## Accessories

## Steel

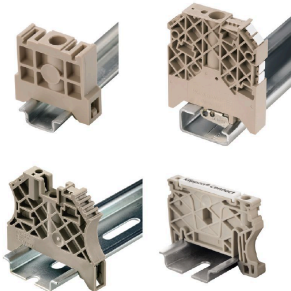


Steel DIN rails are the most widespread on the market. Among metal DIN rails, they have the lowest shortcircuit protection, similar to stainless steel.

## General ordering data

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | TS 35X7.5 2M/ST/ZN         | Version   |  |
| Order No.  | <a href="#">0383400000</a> | 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                      | Version  |  |
| Order No.  | <a href="#">0383560000</a> | End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C |  |
| GTIN (EAN) | 4008190181314              |  |  |
| 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.  | <a href="#">0498000000</a> | Terminal rail, Accessories, Steel, galvanic zinc plated and passivated, |  |
| GTIN (EAN) | 4008190042493              | Width: 2000 mm, Height: 35 mm, Depth: 15 mm                             |  |
| Qty.       | 20 M                       |   |  |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****Aluminum**

Aluminum has the second best electrical conductivity after copper. One advantage is low weight, anMiscellaneous is outstanding corrosion protection.

**General ordering data**

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | TS 35X15/2.3 2M/AL/BK      | Version   |  |
| Order No.  | <a href="#">1848290000</a> | Terminal rail, Accessories, Aluminium, untreated, Width: 2000 mm, |  |
| GTIN (EAN) | 4032248385614              | Height: 35 mm, Depth: 15 mm                                       |  |
| Qty.       | 40 M                       |   |  |