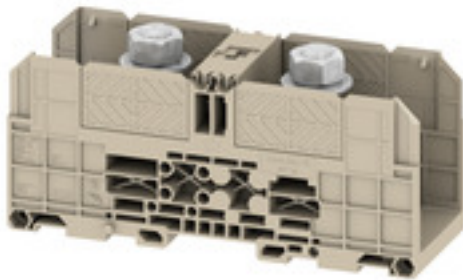


**WFF 185 NFF****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

Similar to illustration

**Klippon® Connect with stud Technology**

Our stud terminals are an established, robust connection alternative for particularly harsh environments. The extensive accessories and quality workmanship ensure high productivity in planning and installation – and sustainable safety in operation..

**General ordering data**

|            |                                                                                                                                               |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 185 mm <sup>2</sup> , Threaded stud connection, Direct mounting, TS 35 |
| Order No.  | <a href="#">1049250000</a>                                                                                                                    |
| Type       | WFF 185 NFF                                                                                                                                   |
| GTIN (EAN) | 4050118255133                                                                                                                                 |
| Qty.       | 2 pc(s).                                                                                                                                      |

## WFF 185 NFF

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## Technical data

## Dimensions and weights

|                |            |                 |            |
|----------------|------------|-----------------|------------|
| Depth          | 77.2 mm    | Depth (inches)  | 3.039 inch |
| Height         | 163 mm     | Height (inches) | 6.417 inch |
| Net weight     | 553 g      | Width           | 55 mm      |
| Width (inches) | 2.165 inch |                 |            |

## Temperatures

|                                  |                |                                  |        |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature              | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C         |                                  |        |

## Material data

|                           |       |        |            |
|---------------------------|-------|--------|------------|
| Material                  | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0   |        |            |

## System specifications

|                                   |       |                                     |    |
|-----------------------------------|-------|-------------------------------------|----|
| Number of levels                  | 1     | Number of clamping points per level | 2  |
| Levels cross-connected internally | No    | PE connection                       | No |
| Rail                              | TS 35 |                                     |    |

## Additional technical data

|                     |                        |            |        |
|---------------------|------------------------|------------|--------|
| Installation advice | Direct mounting, TS 35 | Open sides | closed |
|---------------------|------------------------|------------|--------|

## Conductors for clamping (rated connection)

|                                          |                          |                                          |                          |
|------------------------------------------|--------------------------|------------------------------------------|--------------------------|
| 2 x cable lugs DIN 46 234                | 10...185 mm <sup>2</sup> | 2 x cable lugs DIN 46 235                | 25...185 mm <sup>2</sup> |
| Cable lug to DIN 46234                   | 10...240 mm <sup>2</sup> | Cable lug to DIN 46235                   | 25...240 mm <sup>2</sup> |
| Clamping range, bolted connection , max. | 240 mm <sup>2</sup>      | Clamping range, bolted connection , min. | 10 mm <sup>2</sup>       |
| Clamping range, max.                     | 240 mm <sup>2</sup>      | Clamping range, min.                     | 10 mm <sup>2</sup>       |
| Number of connections                    | 2                        | Stud size for spade connection           | M 12                     |
| Tightening torque, max.                  | 60 Nm                    | Tightening torque, min.                  | 50 Nm                    |
| Type of connection                       | Threaded stud connection |                                          |                          |

## Dimensions

|              |         |
|--------------|---------|
| TS 35 offset | 81.5 mm |
|--------------|---------|

## General

|                     |                        |      |       |
|---------------------|------------------------|------|-------|
| Installation advice | Direct mounting, TS 35 | Rail | TS 35 |
|---------------------|------------------------|------|-------|

## Rating data

|                                             |        |                                              |                     |
|---------------------------------------------|--------|----------------------------------------------|---------------------|
| Power loss in accordance with IEC 60947-7-x | 11.3 W | Rated cross-section                          | 185 mm <sup>2</sup> |
| Rated voltage                               | 500 V  | Rated current                                | 353 A               |
| Current at maximum wires                    | 353 A  | Volume resistance according to IEC 60947-7-x | 0.09 mΩ             |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ECLASS 9.0  | 27-14-11-20 | ECLASS 9.1  | 27-14-11-20 |
| ECLASS 10.0 | 27-14-11-20 | ECLASS 11.0 | 27-14-11-20 |

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Approvals



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