



## General ordering data

| | |
|---|---|
| Order No. | 1780870000 |
| Short text for material | WF 10 |
| EAN | 4032248219353 |
| Qty | 20 |

## Additional technical data

| | |
|---|---|
| No. of identical terminals | 1 |
| Type of connection | screwed |
| Type of mouting | clipped |
| Version | Stud terminal |
| Installation advice | TS 35 |
| UL 94 flammability rating of insulation material | V-0 |
| Insulating material | Wemid |
| Colour of insulating material | dark beige |
| Operating temperature range | - 50 °C, + 120 °C |
| Open sides | open |
| No. of levels | 1 |
| Product range | W-Series |
| No. of terminal strips per level | 1 |
| Levels cross-connected internally | No |
| End plate required | No |
| Explosion-tested version "Ex e" | No |
| Connection direction | on side |

## CSA rating data

| | |
|---|---|
| Voltage CSA | 1000 V |
| CSA current | 320 A |
| Max. cross-section (CSA) | kcmil 250 |
| Min. cross-section (CSA) | AWG 10 |

## Conductors for clamping (rated connection)

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|---|---|
| Type of connection | Threaded stud connection |
| Flexible, max. | 120 mm² |
| Connection direction | on side |
| Flexible, min. | 6 mm² |

## Dimensions

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|---|---|
| Length | 67 mm |
| Height of lowest version | 74 mm |
| Width | 33,8 mm |

| Rating data | |
|---|---|
| Rated cross-section | 120 mm² |
| Rated voltage | 1000 V |
| Rated impulse withstand voltage | 8 kV |
| Rated current | 269 A |
| Current with max. conductor | 269 A |
| Pollution severity | 3 |

| Stud connection | |
|---|---|
| Clamping range, max. | 120 mm² |
| Impulse voltage with epoxy resin partition plate | 12 kV |
| Clamping range, min. | 6 mm² |
| Voltage with epoxy resin partition plate | 2300 V |
| Tightening torque range | 10...20 Nm |
| Cable lug to DIN 46234 | 10...95 mm² |
| Cable lug to DIN 46234 | 6...120 mm² |
| Stud size for spade connection | M 10 |
| 2 cable lugs to DIN 46234 | 10...95 mm² |
| 2 cable lugs to DIN 46234 | 6...120 mm² |

| UL rating data | |
|---|---|
| Min. cross-section (UL) | AWG 10 |
| Max. cross-section (UL) | kcmil 250 |
| Voltage UL | 1000 V |
| Current (UL) | 255 A |

| Approvals | |
|---|---|
| Approvals | |

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|---|---|
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| Downloads | |
|---|---|
| STEP | 1780870000_31396_WF_10_STP.st |

| Classifications | |
|---|---|
| ETIM 2.0 | NK |
| ETIM 3.0 | EC002020 |
| eClass 4.1 | NK |
| eClass 5.0 | NK |
| eClass 5.1 | NK |

**Related products**

| Order No. | Short text for material |
|---|---|

| | |
|---|---|
| 1790130000 | WF 5 |
| 1780850000 | WF 6 |
| 1780860000 | WF 8 |
| 1780880000 | WF 12 |