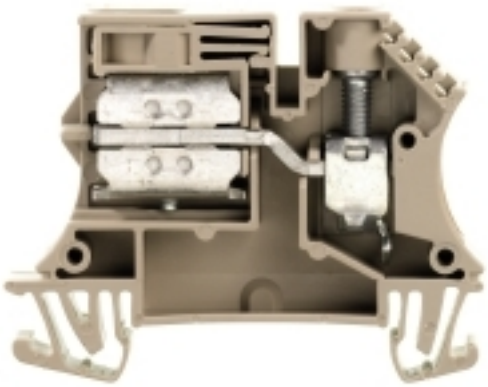
# WNT 10 10X3 BE

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

www.weidmueller.com

## Product image



**Building installation wiring**
For building installations, we offer a complete system that revolves around the 10×3 copper rail and comprises perfectly coordinated components: from installation terminal blocks, neutral conductor terminal blocks and distribution terminal blocks to comprehensive accessories such as busbars and busbar holders.

## General ordering data

| | |
|---|---|
| Version | Neutral conductor disconnect terminal, Busbar connection, 10 mm², 400 V, 57 A, sliding, dark beige |
| Order No. | 1010900000 |
| Type | WNT 10 10X3 BE |
| GTIN (EAN) | 4008190163051 |
| Qty. | 50 pc(s). |

# WNT 10 10X3 BE

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

www.weidmueller.com

## Technical data

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 46.5 mm | Depth (inches) | 1.831 inch |
| Depth including DIN rail | 47 mm | Height | 60 mm |
| Height (inches) | 2.362 inch | Net weight | 23.92 g |
| Weight | 23.58 g | Width | 9.9 mm |
| Width (inches) | 0.39 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

| | | | |
|---|---|---|---|
| Version | Screw connection, with busbar connection 10x3, One end without connector | End cover plate required | Yes |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 1 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Rail | TS 35 | N-function | Yes |
| PE function | No | PEN function | No |

### Additional technical data

| | | | |
|---|---|---|---|
| Explosion-tested version | No | Installation advice | Busbar |
| Number of similar terminals | 1 | Open sides | right |
| Type of mounting | Snap-on | | |

### CSA rating data

| | | | |
|---|---|---|---|
| Certificate No. (CSA) | 200039-1057876 | Current size C (CSA) | 50 A |
| Voltage size C (CSA) | 600 V | Wire cross section max. (CSA) | 6 AWG |
| Wire cross section min. (CSA) | 16 AWG | | |

### Conductors for clamping (additional connection)

| | |
|---|---|
| Conductor cross-section, flexible plus plastic collar DIN 46228/1, further connection, max. | 16 mm² |

### Conductors for clamping (rated connection)

| | |
|---|---|
| Blade size | 1.0 x 5.5 mm |

Weidmüller

## WNT 10 10X3 BE

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

www.weidmueller.com

# Technical data

| | | | | |
|---|---|---|---|---|
| Clampable conductor | Connection specification | Screw connection | | |
| | Cross-section for conductor connection | Type | solid, H05(07) V-U | |
| | | min. | 1.5 mm² | |
| | | max. | 16 mm² | |
| | | nominal | 10 mm² | |
| | wire end ferrule | Stripping length | min. | 12 mm |
| | | | max. | 12 mm |
| | | | nominal | 12 mm |
| | | Tightening torque | min. | 1.2 Nm |
| | | | max. | 2 Nm |
| | | Recommended wire-end ferrule | | |
| | Connection specification | Screw connection | | |
| | Cross-section for conductor connection | Type | stranded, H07V-R | |
| | | min. | 1.5 mm² | |
| | | max. | 16 mm² | |
| | | nominal | 10 mm² | |
| | wire end ferrule | Stripping length | min. | 12 mm |
| | | | max. | 12 mm |
| | | | nominal | 12 mm |
| | | Tightening torque | min. | 1.2 Nm |
| | | | max. | 2 Nm |
| | | Recommended wire-end ferrule | | |
| | Connection specification | Screw connection | | |
| | Cross-section for conductor connection | Type | flexible, H05(07) V-K | |
| | | min. | 1.5 mm² | |
| | | max. | 16 mm² | |
| | | nominal | 10 mm² | |
| | wire end ferrule | Stripping length | min. | 12 mm |
| | | | max. | 12 mm |
| | | | nominal | 12 mm |
| | | Tightening torque | min. | 1.2 Nm |
| | | | max. | 2 Nm |
| | | Recommended wire-end ferrule | | |

| | |
|---|---|
| Clamping range, max. | 16 mm² |
| Clamping range, min. | 1.31 mm² |
| Clamping screw | M 4 |
| Connection cross-section, stranded, max. | 16 mm² |
| Connection cross-section, stranded, min. | 1.5 mm² |
| Connection direction | on side |
| Gauge to IEC 60947-1 | B6 |
| Number of connections | 1 |
| Stripping length | 12 mm |
| Tightening torque, max. | 2 Nm |
| Tightening torque, min. | 1.2 Nm |
| Torque level with DMS electric screwdriver | 4 |
| Type of connection | Busbar connection |
| Wire connection cross section, finely stranded, max. | 16 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 16 mm² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 1.5 mm² |

# WNT 10 10X3 BE

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

www.weidmueller.com

## Technical data

| | |
|---|---|
| Wire connection cross-section, solid core, max. | 16 mm² |
| Wire connection cross-section, solid core, min. | 1.5 mm² |

### General

| | | | |
|---|---|---|---|
| Installation advice | Busbar | Rail | TS 35 |
| Standards | In accordance with IEC 60947-7-1 | | |

### Rating data

| | | | |
|---|---|---|---|
| Power loss in accordance with IEC 60947-7-x | 1.82 W | Rated cross-section | 10 mm² |
| Rated voltage | 400 V | Rated current | 57 A |
| Current at maximum wires | 76 A | Standards | In accordance with IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 0.56 mΩ | Rated impulse withstand voltage | 6 kV |
| Pollution severity | 3 | | |

### UL rating data

| | | | |
|---|---|---|---|
| Certificate No. (UR) | E60693 | Conductor size Factory wiring max. (UR) | 8 AWG |
| Conductor size Factory wiring min. (UR) | 16 AWG | Conductor size Field wiring max. (UR) | 8 AWG |
| Conductor size Field wiring min. (UR) | 16 AWG | Current size C (UR) | 60 A |
| UL_current_Print | 60 A | UL_voltage_Print | 600 V |
| UL_wire_max_Print | 8 AWG | UL_wire_min_Print | 16 AWG |
| Voltage size C (UR) | 600 V | | |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 6.0 | EC000902 | ETIM 7.0 | 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 |

### Approvals

Approvals

| | |
|---|---|
| ROHS | Conform |
| UL File Number Search | E60693 |

# WNT 10 10X3 BE

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

www.weidmueller.com

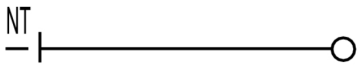
## Technical data

### Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate<br>DNVGL certificate<br>Lloyds Register Certificate<br>MARITREG Certificate<br>POLSKIREJ certificate<br>Declaration of Conformity<br>Declaration of Conformity |
| Engineering Data | STEP |
| Engineering Data | EPLAN, WSCAD, Zuken E3.S |
| User Documentation | StorageConditionsTerminalBlocks |

## WNT 10 10X3 BE

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

www.weidmueller.com

## Drawings