

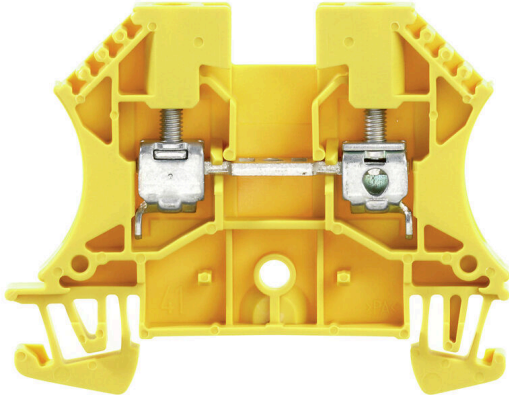
WDU 4 GE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

To feed through power, signal, and data is the classical requirement in electrical engineering and panel building. The insulating material, the connection system and the design of the terminal blocks are the differentiating features. A feed-through terminal block is suitable for joining and/or connecting one or more conductors. They could have one or more connection levels that are on the same potential or insulated against one another.

General ordering data

| | |
|------------|--|
| Version | Feed-through terminal block, Screw connection, yellow, 4 mm ² , 32 A, 800 V, Number of connections: 2 |
| Order No. | 1020120000 |
| Type | WDU 4 GE |
| GTIN (EAN) | 4008190062989 |
| Qty. | 100 items |

WDU 4 GE

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

www.weidmueller.com

Technical data

Approvals

Approvals



| | |
|---------------------------|----------------------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate No. (UR) | E60693 |
| Certificate No. (cURusEX) | E184763 |

Dimensions and weights

| | | | |
|--------------------------|-------------|----------------|-------------|
| Depth | 46.5 mm | Depth (inches) | 1.8307 inch |
| Depth including DIN rail | 47 mm | Height | 60 mm |
| Height (inches) | 2.3622 inch | Width | 6.1 mm |
| Width (inches) | 0.2402 inch | Net weight | 9.39 g |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|----------------|
| Storage temperature | -25 °C...55 °C | Ambient temperature | -60 °C...85 °C |
| Continuous operating temp., min. | -60 °C | Continuous operating temp., max. | 130 °C |

Environmental Product Compliance

| | | | |
|--------------------------|-----------------------------|------------------|--|
| RoHS Compliance Status | Compliant without exemption | | |
| REACH SVHC | No SVHC above 0.1 wt% | | |
| Product Carbon Footprint | Cradle to gate | 0,077 kg CO2 eq. | |

Material data

| | | | |
|---------------------------|-------|--------|--------|
| Basic material | Wemid | Colour | yellow |
| UL 94 flammability rating | V-0 | | |

Rating data IECEX/ATEX

| | | | |
|--------------------------------|-------------------|---------------------------------|-------------------|
| Certificate No. (ATEX) | DEMKO14ATEX1338U | Certificate No. (IECEX) | IECEXULD14.0005U |
| Max. voltage (ATEX) | 690 V | Current (ATEX) | 32 A |
| Wire cross section max. (ATEX) | 4 mm ² | Max. voltage (IECEX) | 690 V |
| Current (IECEX) | 32 A | Wire cross section max. (IECEX) | 4 mm ² |
| Marking EN 60079-7 | Ex eb II C Gb | Ex 2014/34/EU label | II 2 G D |

System specifications

| | | | |
|---------|---|--------------------------|-----|
| Version | Screw connection, for plug-in cross-connector, for screwable cross- | End cover plate required | Yes |
|---------|---|--------------------------|-----|

WDU 4 GE

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

www.weidmueller.com

Technical data

| | | | |
|-------------------------------------|---------------------------------------|-------------------------------|----|
| | connection, One end without connector | | |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 2 | Number of potentials per tier | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Mounting rail | TS 35 | N-function | No |
| PE function | No | PEN function | No |

2 clampable conductors (H05V/H07V) with equal cross-section (rated connection)

| | | | |
|--|---------------------|--|---------------------|
| Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max. | 1.5 mm ² | Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min. | 0.5 mm ² |
| Wire cross-section, finely stranded, two clampable wires, max. | 1.5 mm ² | Wire connection cross section, finely stranded, two clampable wires, min. | 0.5 mm ² |

Additional technical data

| | | | |
|--------------------------|-------|-----------------------------|---------|
| Open sides | right | Number of similar terminals | 1 |
| Explosion-tested version | Yes | Type of mounting | Snap-on |

CSA rating data

| | | | |
|-------------------------------|--------|-------------------------------|----------------|
| Wire cross section max. (CSA) | 10 AWG | Voltage size C (CSA) | 600 V |
| Current size C (CSA) | 35 A | Certificate No. (CSA) | 200039-1057876 |
| Current size B (CSA) | 35 A | Wire cross section min. (CSA) | 26 AWG |

Conductors for clamping (additional connection)

| | |
|--|------------------|
| Connection type, additional connection | Screw connection |
|--|------------------|

Conductors for clamping (rated connection)

| | |
|---|----------------------|
| Gauge to IEC 60947-1 | A4 |
| Wire connection cross section AWG, max. | AWG 10 |
| Connection direction | on side |
| Tightening torque, max. | 1 Nm |
| Tightening torque, min. | 0.5 Nm |
| Stripping length | 10 mm |
| Type of connection | Screw connection |
| Number of connections | 2 |
| Clamping range, max. | 6 mm ² |
| Clamping range, min. | 0.13 mm ² |
| Clamping screw | M 3 |
| Blade size | 0.6 x 3.5 mm |
| Wire connection cross section AWG, min. | AWG 26 |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/4, min. | 0.5 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max. | 4 mm ² |
| Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min. | 0.5 mm ² |

WDU 4 GE

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

www.weidmueller.com

Technical data

| | | | | |
|--|--|-------------------|-----------------------|--------|
| Wire connection cross section, finely stranded, max. | 6 mm ² | | | |
| Wire connection cross section, finely stranded, min. | 0.5 mm ² | | | |
| Connection cross-section, stranded, max. | 6 mm ² | | | |
| Connection cross-section, stranded, min. | 1.5 mm ² | | | |
| Twin wire-end ferrules, max. | 2.5 mm ² | | | |
| Twin wire-end ferrules, min. | 0.5 mm ² | | | |
| Torque level with DMS electric screwdriver | 2 | | | |
| Wire connection cross-section, solid core, max. | 6 mm ² | | | |
| Wire connection cross-section, solid core, min. | 0.5 mm ² | | | |
| Clampable conductor | Connection specification | | Screw connection | |
| | Cross-section for conductor connection | Type | solid, H05(07) V-U | |
| | | min. | 0.5 mm ² | |
| | | max. | 6 mm ² | |
| | | nominal | 4 mm ² | |
| | wire end ferrule | Stripping length | min. | 10 mm |
| | | | max. | 10 mm |
| | | | nominal | 10 mm |
| | | Tightening torque | min. | 0.5 Nm |
| | | | max. | 1 Nm |
| | Connection specification | | Screw connection | |
| | Cross-section for conductor connection | Type | stranded, H07V-R | |
| | | min. | 1.5 mm ² | |
| | | max. | 6 mm ² | |
| | | nominal | 4 mm ² | |
| | wire end ferrule | Stripping length | min. | 10 mm |
| | | | max. | 10 mm |
| | | | nominal | 10 mm |
| | | Tightening torque | min. | 0.5 Nm |
| | | | max. | 1 Nm |
| | Connection specification | | Screw connection | |
| | Cross-section for conductor connection | Type | flexible, H05(07) V-K | |
| | | min. | 0.5 Nm | |
| | | max. | 6 Nm | |
| nominal | | 4 Nm | | |
| wire end ferrule | Stripping length | min. | 10 mm | |
| | | max. | 10 mm | |
| | | nominal | 10 mm | |
| | Tightening torque | min. | 0.5 Nm | |
| | | max. | 1 Nm | |

Dimensions

TS 35 offset 37 mm

General

| | | | |
|---|---------------|---|--------|
| Wire connection cross section AWG, max. | AWG 10 | Wire connection cross section AWG, min. | AWG 26 |
| Standards | IEC 60947-7-1 | Mounting rail | TS 35 |

WDU 4 GE

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Rating data

| | | | |
|--|-------------------|---------------------------------|---------------|
| Rated cross-section | 4 mm ² | Rated voltage | 800 V |
| Rated DC voltage | 800 V | Nominal current | 32 A |
| Current at maximum wires | 41 A | Standards | IEC 60947-7-1 |
| Volume resistance according to IEC 60947-7-x | 1 mΩ | Rated impulse withstand voltage | 8 kV |
| Power loss in accordance with IEC 60947-7-x | 1.02 W | Pollution severity | 3 |

UL rating data

| | | | |
|---|--------|---|--------|
| Conductor size Factory wiring max. (UR) | 10 AWG | Current size C (UR) | 35 A |
| Voltage size C (UR) | 600 V | Conductor size Factory wiring min. (UR) | 26 AWG |
| Certificate No. (UR) | E60693 | Conductor size Field wiring min. (UR) | 22 AWG |
| Conductor size Field wiring max. (UR) | 10 AWG | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC000897 | ETIM 9.0 | EC000897 |
| ETIM 10.0 | EC000897 | ECLASS 14.0 | 27-25-01-01 |
| ECLASS 15.0 | 27-25-01-01 | | |

Drawings

