

WPD 113 1X185+1X150/8X35 GY**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Power feed-in**

Our wide range of W-Series terminal blocks with our WPD main line branch terminals, which are optimised to guarantee both convenience and space gains, ensures a secure and convenient connection at the power feed-in.

General ordering data

| | |
|------------|---|
| Version | W-Series, Distribution block, Rated cross-section: 185 mm ² , Screw connection, Terminal rail / mounting plate |
| Order No. | 2603740000 |
| Type | WPD 113 1X185+1X150/8X35 GY |
| GTIN (EAN) | 4050118681420 |
| Qty. | 1 pc(s). |

Creation date January 10, 2022 7:54:28 PM CET

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Technical data
Dimensions and weights

| | | | |
|------------|----------|-----------------|------------|
| Depth | 80.3 mm | Depth (inches) | 3.161 inch |
| Height | 126.3 mm | Height (inches) | 4.972 inch |
| Width | 62.6 mm | Width (inches) | 2.465 inch |
| Net weight | 740 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 130 °C | | |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | Light Grey |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-------------------------------------|------------------|--------------------------|-----------------------|
| Version | Screw connection | End cover plate required | No |
| Number of potentials | 1 | Number of levels | 1 |
| Number of clamping points per level | 10 | Rail | TS 35, Mounting plate |
| N-function | No | PE function | No |
| PEN function | No | | |

Additional technical data

| | | | |
|---------------------|--------------------------------|------------------|--------------------------|
| Installation advice | Terminal rail / mounting plate | Open sides | closed |
| Snap-on | Yes | Type of mounting | Snap-on, Direct mounting |

Conductors for clamping (rated connection)

| | | | |
|----------------------|------------------|-----------------------|----|
| Connection direction | on side | Number of connections | 10 |
| Type of connection | Screw connection | | |

General

| | | | |
|---------------------|--------------------------------|-----------------|---------------|
| Installation advice | Terminal rail / mounting plate | Number of poles | 1 |
| Rail | TS 35, Mounting plate | Standards | IEC 60947-7-1 |

Rating data

| | | | |
|---------------------------------|---------------------|--------------------|---------------|
| Rated cross-section | 185 mm ² | Rated voltage | 1,000 V |
| Rated AC voltage | 1,000 V | Rated DC voltage | 1,500 V DC |
| Rated current | 353 A | Standards | IEC 60947-7-1 |
| Rated impulse withstand voltage | 8 kV | Pollution severity | 3 |
| Surge voltage category | III | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | 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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Data sheet**WPD 113 1X185+1X150/8X35 GY****Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
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Germanywww.weidmueller.com**Technical data****Approvals**

Approvals

**Downloads**Approval/Certificate/Document of
Conformity[VDE Certificate](#)
[DNV Certificate](#)

Catalogues

[Catalogues in PDF-format](#)

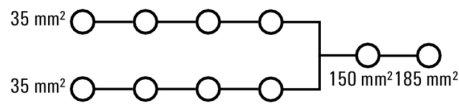
Data sheet

WPD 113 1X185+1X150/8X35 GY

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Drawings



Power distribution

Screw connection

W-Series

WPD 113 1X185+1X150/8X35 GY



| | |
|-------------------------------|-------------------|
| Width / Height / Depth | mm |
| max. current / max. conductor | A/mm ² |
| max. clamping range | mm ² |

Technical data

| Rated data | |
|--|-------------------------------------|
| Rated voltage | V |
| Rated current | A |
| for wire cross-section | 185 mm ² mm ² |
| Rated impulse withstand voltage / Pollution severity | |
| Overvoltage category / UL 94 flammability rating | |
| Approvals | |
| Clamped conductors (H05V/H07V) | |
| Solid / Stranded | 150 mm ² mm ² |
| | 35 mm ² mm ² |
| Flexible with ferrule | 150 mm ² mm ² |
| | 35 mm ² mm ² |
| Stripping length / Blade size | 185 mm/- mm/- |
| | 150 mm/- mm/- |
| | 35 mm ² mm/- |
| Tightening torque | Nm |
| Note | |

Ordering data

| Version | |
|---------|-------|
| | grey |
| | blue |
| | red |
| | black |
| Note | |

Accessories

| End bracket | |
|-------------|------------|
| | dark beige |
| | dark beige |
| Screwdriver | |
| | SET |

WPD 113

185 mm²


| | |
|---------------------|--|
| 62.6 / 80.3 / 126.3 | |
| 353 / 185 | |
| 2.5...185 | |

IEC 60947-7-1 (Cu), UL 1059 (Cu+Al)

| IEC | UL | CSA | EN 60079-7 |
|-----------|-----------|-----------|------------|
| 1000 | 1000 | 1000 | |
| 353 | 310 | 310 | |
| 185 | 350 kcmil | 350 kcmil | |
| 8 kV / 3 | | | |
| III / V-0 | | | |

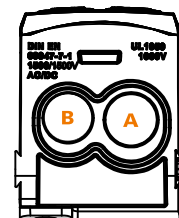
Rated connection

| |
|-----------------------------|
| 70...150 / 70...150 |
| 4...35 / 4...35 |
| 50...120 / 50...120 |
| 2.5...25 |
| 33 / M16 |
| 28 / M16 |
| 16 / M8 |
| siehe Anhang am Kapitelende |









| Type | Qty. | Order No. |
|-------------------------|------|------------|
| WPD 1X185+1X150/8X35 GY | 1 | 2603740000 |
| WPD 1X185+1X150/8X35 BL | 1 | 2603750000 |
| WPD 1X185+1X150/8X35 RD | 1 | 2730350000 |
| WPD 1X185+1X150/8X35 BK | 1 | 2730360000 |

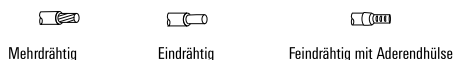
| Type | Qty. | Order No. |
|-------------------|------|------------|
| WEW 35/2 | 100 | 1061200000 |
| AEB 35 SC/1 | 50 | 1991920000 |
| SDK PZ2 X 100 | 1 | 2749450000 |
| SK WSD-S 1,5-10,0 | 1 | 9008850000 |











Conductor connection data according to IEC 60947-7-1





| Input | connection point A | | connection point B | |
|---------------------|---|---|---|---|
| | Copper | | Copper | |
| |  |  |  |  |
| 185 mm ² | 25 Nm | 25 Nm | 25 Nm | 25 Nm |
| 150 mm ² | | | | |
| 120 mm ² | | | | |
| 95 mm ² | | | | |
| 70 mm ² | | | | |
| 50 mm ² | | | | |
| Stripping lengths | 33 mm | | 28 mm | |
| Allen screw | M16 | | M16 | |

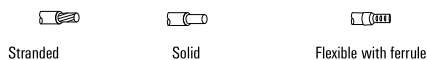
| Output | connection point 1-8 | |
|---------------------|---|---|
| | Copper | |
| |  |  |
| 35 mm ² | 6 Nm | 6 Nm |
| 25 mm ² | | |
| 16 mm ² | | |
| 10 mm ² | | |
| 6 mm ² | | |
| 4 mm ² | | |
| 2.5 mm ² | | |
| Stripping lengths | 16 mm | |
| Allen screw | M8 | |



UL Rating data according to UL 1059

| Certificate no. (UR) | XCFR2.E60693 | | | | | | | |
|-----------------------|---|---|---|---|---|---|---|---|
| | connection point A | | | | connection point B | | | |
| Input (line) | Copper | | Aluminium | | Copper | | Aluminium | |
| |  |  |  |  |  |  |  |  |
| 350 kcmil | 249.6 Lb In. | 249.6 Lb In. | 398.3 Lb In. | 398.3 Lb In. | 249.6 Lb In. | 249.6 Lb In. | 398.3 Lb In. | 398.3 Lb In. |
| 300 kcmil | | | | | | | | |
| 250 kcmil | | | | | | | | |
| AWG 4/0 | | | | | | | | |
| AWG 3/0 | | | | | | | | |
| AWG 2/0 | | | | | | | | |
| AWG 1/0 | | | | | | | | |
| max. current | 310 A | 285 A | 250 A | 230 A | 285 A | 255 A | 230 A | 205 A |
| Voltage size B,C (UR) | 1000 V | | | | 1000 V | | | |

| Output | connection point 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 | | | | |
|-----------------------|---|---|---|---|--|
| | Copper | | Aluminium | | |
| |  |  |  |  | |
| AWG 2 | 124.8 Lb In. | 124.8 Lb In. | 124.8 Lb In. | 124.8 Lb In. | |
| AWG 3 | | | | | |
| AWG 4 | | | | | |
| AWG 6 | | | | | |
| AWG 8 | | | | | |
| AWG 10 | | | | | |
| AWG 12 | | | | | |
| AWG 14 | | | | | |
| max. current | 115 A | 100 A | 90 A | 75 A | |
| Voltage size B,C (UR) | 1000 V | | | | |



B

