

**WPD 111 1X95/4X35 GY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Nos blocs de distribution WPD 1XX sont utilisés dans toutes les situations où de la puissance est fournie et distribuée. Leur design convivial offre un meilleur aperçu et permet une implémentation rapide et efficace de la distribution d'énergie en permettant de gagner de la place.

**Informations générales de commande**

|            |                                                                                                                                                       |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Version    | Blocs de jonction de distribution de potentiel, Raccordement vissé, Gris clair, 95 mm², 232 A, 1000 V, Nombre de raccordements: 5, Nombre d'étages: 1 |
| Référence  | <a href="#">2603790000</a>                                                                                                                            |
| Type       | WPD 111 1X95/4X35 GY                                                                                                                                  |
| GTIN (EAN) | 4050118681284                                                                                                                                         |
| Qté.       | 1 pièce(s)                                                                                                                                            |

## WPD 111 1X95/4X35 GY

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Caractéristiques techniques

## Dimensions et poids

|            |         |                     |            |
|------------|---------|---------------------|------------|
| Profondeur | 69,4 mm | Profondeur (pouces) | 2,732 inch |
| Hauteur    | 105 mm  | Hauteur (pouces)    | 4,134 inch |
| Largeur    | 36,6 mm | Largeur (pouces)    | 1,441 inch |
| Poids net  | 240 g   |                     |            |

## Températures

|                                            |                |                                            |               |
|--------------------------------------------|----------------|--------------------------------------------|---------------|
| Température de stockage                    | -25 °C...55 °C | Température ambiante                       | -5 °C...40 °C |
| Température d'utilisation permanente, min. | -50 °C         | Température d'utilisation permanente, max. | 130 °C        |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000897    | ETIM 7.0    | EC000897    |
| ETIM 8.0    | EC000897    | ETIM 9.0    | EC000897    |
| ETIM 10.0   | 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 | ECLASS 12.0 | 27-14-11-20 |
| ECLASS 13.0 | 27-25-01-19 | ECLASS 14.0 | 27-25-01-19 |
| ECLASS 15.0 | 27-25-01-19 |             |             |

## Autres caractéristiques techniques

|                 |                       |                                        |                        |
|-----------------|-----------------------|----------------------------------------|------------------------|
| Côté ouvert     | fermé                 | Instruction de montage                 | Rail/plaque de montage |
| Type de montage | monté, Montage direct | Version à I#92épreuve de I#92explosion | Oui                    |
| enclipsable     | Oui                   |                                        |                        |

## Caractéristiques des matériaux

|                                     |       |         |            |
|-------------------------------------|-------|---------|------------|
| Matériau                            | Wemid | Couleur | Gris clair |
| Classe d'inflammabilité selon UL 94 | V-0   |         |            |

## Caractéristiques du système

|                                       |                          |                                 |     |
|---------------------------------------|--------------------------|---------------------------------|-----|
| Version                               | Raccordement vissé       | Flasque de fermeture nécessaire | Non |
| Nombre de polarités                   | 1                        | Nombre d'étages                 | 1   |
| Nombre de points de contact par étage | 5                        | Etages internes pontés          | Non |
| Rail                                  | TS 35, Plaque de montage | Fonction N                      | Non |
| Fonction PE                           | Non                      | Fonction PEN                    | Non |

## Caractéristiques nominales

|                         |                    |                              |         |
|-------------------------|--------------------|------------------------------|---------|
| Section nominale        | 95 mm <sup>2</sup> | Tension nominale             | 1 000 V |
| Tension nominale AC     | 1 000 V            | Tension nominale DC          | 1 500 V |
| Courant nominal         | 232 A              | Courant avec conducteur max. | 232 A   |
| Normes                  | IEC 60947-7-1      | Tension de choc nominale     | 8 kV    |
| Catégorie de surtension | III                | Degré de pollution           | 3       |

## Caractéristiques nominales selon UL

|                       |        |
|-----------------------|--------|
| Certificat N° (cURus) | E60693 |
|-----------------------|--------|

## WPD 111 1X95/4X35 GY

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Caractéristiques techniques

## Conducteur raccordable (autre raccordement)

|                                               |                    |
|-----------------------------------------------|--------------------|
| Type de raccordement, autre raccorde-<br>ment | Raccordement vissé |
|-----------------------------------------------|--------------------|

## Généralités

|                                                     |                        |                                                     |                          |
|-----------------------------------------------------|------------------------|-----------------------------------------------------|--------------------------|
| Instruction de montage                              | Rail/plaque de montage | Nombre de pôles                                     | 1                        |
| Normes                                              | IEC 60947-7-1          | Rail                                                | TS 35, Plaque de montage |
| Section de raccordement du conducteur,<br>AWG, max. | AWG 4/0                | Section de raccordement du conducteur,<br>AWG, min. | AWG 8                    |

## Raccordement (raccordement nominal)

|                                                                                |                     |                                                        |                    |
|--------------------------------------------------------------------------------|---------------------|--------------------------------------------------------|--------------------|
| Nombre de raccordements                                                        | 5                   | Plage de serrage, max.                                 | 95 mm <sup>2</sup> |
| Plage de serrage, min.                                                         | 2,5 mm <sup>2</sup> | Section de raccordement du conducteur,<br>AWG, max.    | AWG 4/0            |
| Section de raccordement du conducteur,<br>AWG, min.                            | AWG 8               | Section de raccordement du conducteur,<br>rigide, max. | 95 mm <sup>2</sup> |
| Section de raccordement du conducteur,<br>souple avec embout DIN 46228/1, max. | 70 mm <sup>2</sup>  | Section de raccordement du conducteur,<br>souple, max. | 0 mm <sup>2</sup>  |
| Section de raccordement, semi-rigide,<br>max.                                  | 95 mm <sup>2</sup>  | Sens de raccordement                                   | latéralement       |
| Type de raccordement                                                           | Raccordement vissé  | Type de raccordement 2                                 | Raccordement vissé |

## Conformité environnementale du produit

|                                        |                                      |
|----------------------------------------|--------------------------------------|
| Statut de conformité RoHS              | Conforme avec exemption              |
| Exemption RoHS (le cas échéant/connue) | 6c                                   |
| REACH SVHC                             | Lead 7439-92-1                       |
| SCIP                                   | 9b5f0838-1f0b-4c14-9fc7-3f5e6ee75be2 |

## Note importante

|                             |                                                                       |
|-----------------------------|-----------------------------------------------------------------------|
| Informations sur le produit | L'alvéole de test respecte la classe d'inflammabilité V-2 selon UL94. |
|-----------------------------|-----------------------------------------------------------------------|

## Agréments

Agréments



|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Agréments MAMID          | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319263/-T1z1mm-S800/</a> |
| ROHS                     | Conforme                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UL File Number Search    | Site Web UL                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Certificat N° (cURus)    | E60693                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| N° de certificat (cULus) | E511333                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### WPD 111 1X95/4X35 GY

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Caractéristiques techniques

### Téléchargements

Agrément/Certificat/Document de conformité

[CB Certificate](#)  
[VDE Certificate](#)  
[UL certificate](#)  
[Confirmation of Standards EN 45545-2\\_2020-10](#)

Données techniques

[CAD data – STEP](#)

Documentation utilisateur

[Manual - How to connect aluminum wires in WPD-Terminal blocks](#)  
[Torque\\_Conductor\\_Connection\\_Data\\_WPD\\_EN](#)  
[Drehmoment\\_Leiteranschlussdaten\\_WPD\\_DE](#)

Catalogue

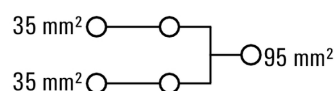
[Catalogues in PDF-format](#)

## WPD 111 1X95/4X35 GY

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

www.weidmueller.com

## Dessins



**Conductor connection data according to IEC 60947-1 (Cu)**

| connection point A |           | connection point B |           |
|--------------------|-----------|--------------------|-----------|
| Input              | Output    | Input              | Output    |
| 1x 95 mm²          | 1x 25 mm² | 1x 95 mm²          | 1x 25 mm² |
| 95 mm²             | 25 mm²    | 95 mm²             | 25 mm²    |
| 75 mm²             | 25 mm²    | 75 mm²             | 25 mm²    |
| 50 mm²             | 16 mm²    | 50 mm²             | 16 mm²    |
| 35 mm²             | 10 mm²    | 35 mm²             | 10 mm²    |
| 25 mm²             | 6 mm²     | 25 mm²             | 6 mm²     |
| 16 mm²             | 4 mm²     | 16 mm²             | 4 mm²     |
| 10 mm²             | 2.5 mm²   | 10 mm²             | 2.5 mm²   |
| Stripping length   | 27 mm     | Stripping length   | 18 mm     |
| Alarm contact      | NO/NC     | Alarm contact      | NO        |

 Standard   
  Solid   
  Flexible with female   
  Sector shaped   
  Flat bared

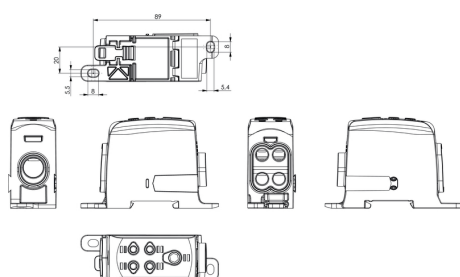
 output   
  input

**Conductor connection data according to IEC 60947-1 (Cu)**

| connection point A |         | connection point B |         |
|--------------------|---------|--------------------|---------|
| Input              | Output  | Input              | Output  |
| 95 mm²             | 25 mm²  | 95 mm²             | 25 mm²  |
| 75 mm²             | 25 mm²  | 75 mm²             | 25 mm²  |
| 50 mm²             | 16 mm²  | 50 mm²             | 16 mm²  |
| 35 mm²             | 10 mm²  | 35 mm²             | 10 mm²  |
| 25 mm²             | 6 mm²   | 25 mm²             | 6 mm²   |
| 16 mm²             | 4 mm²   | 16 mm²             | 4 mm²   |
| 10 mm²             | 2.5 mm² | 10 mm²             | 2.5 mm² |
| Stripping length   | 27 mm   | Stripping length   | 18 mm   |
| Alarm contact      | NO/NC   | Alarm contact      | NO      |

 Standard   
  Solid   
  Flexible with female   
  Sector shaped   
  Flat bared

 output   
  input



## Power distribution

### Screw connection

#### W-Series

#### WPD 111 1X95/4X35 GY

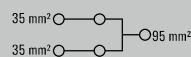


WPD 111

95 mm<sup>2</sup>

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

36.6 / 69.4 / 105  
232 / 95  
2.5...95



#### Technical data

| Rated data                                           |                    |                 |
|------------------------------------------------------|--------------------|-----------------|
| Rated voltage                                        |                    | V               |
| Rated current                                        |                    | A               |
| for wire cross-section                               | 95 mm <sup>2</sup> | mm <sup>2</sup> |
| Rated impulse withstand voltage / Pollution severity |                    |                 |
| Overvoltage category / UL 94 flammability rating     |                    |                 |
| Approvals                                            |                    |                 |
| Clamped conductors (H05V/H07V)                       |                    |                 |
| Solid / Stranded                                     | 95 mm <sup>2</sup> | mm <sup>2</sup> |
|                                                      | 35 mm <sup>2</sup> | mm <sup>2</sup> |
| Flexible with ferrule                                | 95 mm <sup>2</sup> | mm <sup>2</sup> |
|                                                      | 35 mm <sup>2</sup> | mm <sup>2</sup> |
| Stripping length / Blade size                        | 95 mm <sup>2</sup> | mm/-            |
|                                                      | 35 mm <sup>2</sup> | mm/-            |
| Tightening torque                                    |                    | Nm              |
| Note                                                 |                    |                 |

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

| IEC  | UL        | CSA | EN 60079-7 |
|------|-----------|-----|------------|
| 1000 | 1000      |     |            |
| 232  | 230       |     |            |
| 95   | AWG 4/0   |     |            |
|      | 8 kV / 3  |     |            |
|      | III / V-0 |     |            |

#### Bemessungsanschluss

|                                        |
|----------------------------------------|
| 16...95 / 16...95                      |
| 4...35 / 4...35                        |
| 10...70                                |
| 2.5...25                               |
| 21 / M12                               |
| 16 / M8                                |
| see appendix at the end of the chapter |

#### Ordering data

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

| Type                 | Qty. | Order No.  |
|----------------------|------|------------|
| WPD 111 1X95/4X35 GY | 1    | 2603790000 |
| WPD 111 1X95/4X35 BL | 1    | 2603800000 |
| WPD 111 1X95/4X35 RD | 1    | 2730310000 |
| WPD 111 1X95/4X35 BK | 1    | 2730320000 |

#### Accessories

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

| 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

| connection point A                                                                |                                                                                                                                                                        |                                                                                   |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| Copper                                                                            |                                                                                                                                                                        |                                                                                   |
| Input                                                                             | <br> |  |
| 1x 95 mm <sup>2</sup>                                                             | 14 Nm                                                                                                                                                                  | 14 Nm                                                                             |
| 95 mm <sup>2</sup>                                                                |                                                                                                                                                                        |                                                                                   |
| 70 mm <sup>2</sup>                                                                |                                                                                                                                                                        |                                                                                   |
| 50 mm <sup>2</sup>                                                                |                                                                                                                                                                        |                                                                                   |
| 35 mm <sup>2</sup>                                                                |                                                                                                                                                                        |                                                                                   |
| 25 mm <sup>2</sup>                                                                |                                                                                                                                                                        |                                                                                   |
| 16 mm <sup>2</sup>                                                                |                                                                                                                                                                        |                                                                                   |
| 10 mm <sup>2</sup>                                                                |                                                                                                                                                                        |                                                                                   |
| Stripping lengths                                                                 | 21 mm                                                                                                                                                                  |                                                                                   |
| Allen screw                                                                       | M12                                                                                                                                                                    |                                                                                   |
|                                                                                   |                                                                                                                                                                        |                                                                                   |
|  |                                                                                       |  |
| Stranded                                                                          | Solid                                                                                                                                                                  | Flexible with ferrule                                                             |

| connection point A                                                                |                                                                                                                                                                          |                                                                                     |
|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Copper                                                                            |                                                                                                                                                                          |                                                                                     |
| Output                                                                            | <br> |  |
| 1x 35 mm <sup>2</sup>                                                             | 6 Nm                                                                                                                                                                     | 6 Nm                                                                                |
| 35 mm <sup>2</sup>                                                                |                                                                                                                                                                          |                                                                                     |
| 25 mm <sup>2</sup>                                                                |                                                                                                                                                                          |                                                                                     |
| 16 mm <sup>2</sup>                                                                |                                                                                                                                                                          |                                                                                     |
| 10 mm <sup>2</sup>                                                                |                                                                                                                                                                          |                                                                                     |
| 6 mm <sup>2</sup>                                                                 |                                                                                                                                                                          |                                                                                     |
| 4 mm <sup>2</sup>                                                                 |                                                                                                                                                                          |                                                                                     |
| 2,5 mm <sup>2</sup>                                                               |                                                                                                                                                                          |                                                                                     |
| Stripping lengths                                                                 | 16 mm                                                                                                                                                                    |                                                                                     |
| Allen screw                                                                       | M8                                                                                                                                                                       |                                                                                     |
|                                                                                   |                                                                                                                                                                          |                                                                                     |
|  |                                                                                         |                                                                                     |
| Sector shaped                                                                     | Flat band                                                                                                                                                                |                                                                                     |

## UL Rating data according to UL 1059

| Certificate no. (UR) XCFR2.E60693 |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
|-----------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| connection point A                |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| Input (line)                      | Copper                                                                            |                                                                                   | Aluminium                                                                         |                                                                                   |
|                                   |  |  |  |  |
| AWG 4/0                           | 200 Lb In.                                                                        | 200 Lb In.                                                                        | 200 Lb In.                                                                        | 200 Lb In.                                                                        |
| AWG 3/0                           |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| AWG 2/0                           |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| AWG 1/0                           |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| AWG 1                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| AWG 2                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| AWG 3                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| AWG 4                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| AWG 6                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| AWG 8                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| max. current                      | 230 A                                                                             | 200 A                                                                             | 180 A                                                                             | 155 A                                                                             |
| Voltage size B,C (UR)             | 1000 V                                                                            |                                                                                   |                                                                                   |                                                                                   |

| connection point 1 / 2 / 3 / 4 |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
|--------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| Output                         | 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                                                                              |                                                                                     |                                                                                     |                                                                                     |

