

Weidmüller Interface GmbH & Co. KG

1

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com



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 / solder connection, brown, 10 mm <sup>2</sup> , 57 A, 1000 V, Number of connections: 2
Order No.	<u>2821630000</u>
Туре	WDU 10 BR
GTIN (EAN)	4064675359357
Qty.	50 items





Weidmüller Interface GmbH & Co. KG

12 mm

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

Dimensions and weights  Depth	Approvals			
Dimensions and weights  Depth	Approvals	CEE	JK	
Height 60 mm	ROHS	Conform		
Height 60 mm	Dimensions and weights			
Height 60 mm	Denth	46.5 mm	Denth (inches)	1.8307 inch
Width 9.9 mm   Width (inches)   0.3898 is   Not weight   17.6 g      Temperatures  Storage temperature   -25 °C55 °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   0.369 kg CO2eq.    Material data  Basic material   Wemid   Colour   Drown   UL 94 flammability rating   V-0    System specifications  Version   Screw connection, for screwable cross-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   PEN function   No   PEN function   No   PEN function   No   Additional technical data  Conductors for clamping (additional connection)  Connection type, additional connection   Screw connection   Connection type, additional connection				2.3622 inch
Temperatures  Storage temperature -25 °C55 °C Continuous operating temp., min60 °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 0.369 kg CO2eq.  Material data  Basic material Wemid Colour brown  UL 94 flammability rating V-0  System specifications  Version Screw connection, for screwable cross-connection, One end without connector  Number of potentials 1 Number of levels 1 Number of levels 1  Levels cross-connected internally No Mounting rail 15 35  N-function No  Additional technical data  Open sides right Explosion-tested version Yes  Type of mounting (additional connection)  Connection type, additional connection  Screw connection  Screw connection  Connection type, additional connection  Screw connection				0.3898 inch
Storage temperature -25 °C55 °C Continuous operating temp., min60 °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 0.369 kg CO2eq.  Material data  Basic material Wemid Colour brown UL 94 flammability rating V-0  System specifications  Version Screw connection, for screwable cross-connection, One end without connector Number of potentials 1 Number of clamping points per level 2 Number of potentials per tier 1 Number of clamping points per level 2 Number of potentials per tier 1 Number of potentials No Mount on No  Additional technical data  Connection type, additional connection  Connection type, additional connection  Screw connection  Connection type, additional connection  Screw connection  Connection type, additional connection				
Environmental Product Compliance  RoHS Compliance Status RoHS RO	Temperatures			
Environmental Product Compliance  RoHS Compliance Status  RoHS Colour  RoHS Colour				
Environmental Product Compliance  RoHS Compliance Status Compliant without exemption  REACH SVHC No SVHC above 0.1 wt%  Product Carbon Footprint Cradle to gate 0.369 kg CO2eq.  Material data  Basic material Wemid Colour brown  UL 94 flammability rating V-0  System specifications  Version Screw connection, for screwable cross-connection, One end without connector  Number of potentials 1 Number of clamping points per level 2 Number of potentials per tier 1  Levels cross-connected internally No Mo PEN function No  Additional technical data  Copen sides right Explosion-tested version Yes	· · · · · · · · · · · · · · · · · · ·		Continuous operating temp., min.	-60 °C
ROHS Compliance Status  REACH SVHC  No SVHC above 0.1 wt%  Product Carbon Footprint  Cradle to gate  0.369 kg CO2eq.  Material data  Basic material  Wemid  UL 94 flammability rating  V-0  System specifications  Version  Screw connection, for screwable cross-connection, One end without connector  Number of potentials  1  Number of lamping points per level 2  Invested consection on No  No  Mounting rail  And interval of potentials per tier  Levels cross-connected internally  No  Mounting rail  TS 35  PE function  No  Additional technical data  Connection type, additional connection  Screw connection  Screw connection  Screw connection  End cover plate required  Yes  Humber of levels  1  Number of potentials per tier  1  Number of potentials per tier  1  No  PE function  No  PE function  Yes  Conductors for clamping (additional connection)	Continuous operating temp., max.	130 °C		
REACH SVHC No SVHC above 0.1 wt% Product Carbon Footprint Cradle to gate 0.369 kg CO2eq.  Material data  Basic material Wemid Colour brown UL 94 flammability rating V-0  System specifications  Version Screw connection, for screwable cross-connection, One end without connector Number of potentials 1 Number of clamping points per level 2 Number of potentials 1 Number of clamping points per level 2 Number of potentials 1 Number of potentials per tier 1 Number of potentials 1 Number of potentials per tier 1 Number of potentials per ti	Environmental Product Comp	oliance		
REACH SVHC   No SVHC above 0.1 wt%   Product Carbon Footprint   Cradle to gate   0.369 kg CO2eq.    Material data   Sasic material   Wemid   Colour   brown   UL 94 flammability rating   V-0    System specifications   End cover plate required   Yes   Version   Screw connection, for screwable cross-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   Mounting rail   TS 35   N-function   No   PE function   No   Additional technical data    Connection type, additional connection   Screw connection   Connection type, additional connection   Screw connection	RoHS Compliance Status	Compliant without exemp	ition	
Basic material Wemid Colour brown UL 94 flammability rating V-0  System specifications  Version Screw connection, for screwable cross-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 Mounting rail TS 35 N-function No PEN function No  Additional technical data  Open sides right Explosion-tested version Yes Type of mounting (additional connection)  Connection type, additional connection				
Basic material Wemid Colour brown UL 94 flammability rating V-0  System specifications  Version Screw connection, for screwable cross-connection, One end without connector Without connector Vithout sconnector Vithout sconnected internally No Mounting rail TS 35 N-function No Mo  Additional technical data  Open sides right Explosion-tested version Yes  Connection type, additional connection  Connection type, additional connection  Connection type, additional connection			0.369 kg CO2eq.	
Version  Screw connection, for screwable cross-connection, for screwable cross-connection, One end without connector  Number of potentials  Number of clamping points per level  Levels cross-connected internally  No  Mounting rail  TS 35  Nefunction  No  Additional technical data  Copen sides  Type of mounting  Connection type, additional connection  Screw connection, Decompany connection  End cover plate required  Yes  Number of levels  1  Number of levels  1  Number of potentials per tier  1  Mounting rail  TS 35  PE function  No  Explosion-tested version  Yes  Connection type, additional connection	Material data			
System specifications  Version  Screw connection, for screwable cross-connection, for screwable cross-connection, One end without connector  Number of potentials  1  Number of levels  1  Number of potentials per level  2  Number of potentials per tier  1  Levels cross-connected internally  No  No  PEN function  No  Additional technical data  Open sides  Type of mounting  Connection type, additional connection  Screw connection  Screw connection  End cover plate required  Yes  Number of levels  1  Number of potentials per tier  1  Mounting rail  TS 35  PE function  No  Yes  Conductors for clamping (additional connection)			Colour	brown
Version  Screw connection, for screwable cross-connection, One end without connector  Number of potentials  Number of clamping points per level  Levels cross-connected internally  No  Mounting rail  TS 35  PE function  No  Additional technical data  Open sides  right  Snap-on  Conductors for clamping (additional connection)  End cover plate required  Yes  Yes  Find cover plate required  Yes  Find cover plate required  Yes  End cover plate required  Yes  Find cover plate required  Yes  End cover plate required  Yes	JL 94 flammability rating	V-0		,
for screwable cross- connection, One end without connector  Number of potentials  Number of clamping points per level 2  Number of potentials per tier 1  Number of levels 1  Number of level	System specifications			
for screwable cross-connection, One end without connector  Number of potentials  Number of clamping points per level  Levels cross-connected internally  No  Mounting rail  TS 35  No  PE function  No  Additional technical data  Open sides  Type of mounting  Snap-on  Conductors for clamping (additional connection)  For screwable cross-connected without connection  Number of levels  1  Number of levels  1  Number of potentials per tier  1  Number of potentials per tier  1  Explosion-tested version  Yes  Connection type, additional connection				
Number of potentials  Number of clamping points per level 2  Levels cross-connected internally  No  No  PEN function  Open sides  Type of mounting  Connection type, additional connection  Number of levels  1  Number of potentials per tier  1  Number of levels  No  PE function  Yes  Type of mounting  Supplied to the particular type of potentials per tier  1  No  PE function  Yes  Conductors for clamping (additional connection)	Version	for screwable cross- connection, One end	End cover plate required	Yes
Levels cross-connected internally No Mounting rail TS 35 N-function No PEN function No  Additional technical data  Open sides right Explosion-tested version Yes Type of mounting Snap-on  Conductors for clamping (additional connection)  Connection type, additional connection	Number of potentials	1	Number of levels	1
No PEN function No No		2	Number of potentials per tier	1
Additional technical data  Open sides right Explosion-tested version Yes Type of mounting Snap-on  Conductors for clamping (additional connection)  Connection type, additional connection	Levels cross-connected internally	No	Mounting rail	TS 35
Additional technical data  Open sides right Explosion-tested version Yes Type of mounting Snap-on  Conductors for clamping (additional connection)  Connection type, additional connection			PE function	No
Open sides right Explosion-tested version Yes Type of mounting Snap-on  Conductors for clamping (additional connection)  Connection type, additional connection	PEN function	No		
Type of mounting Snap-on  Conductors for clamping (additional connection)  Connection type, additional connection Screw connection	Additional technical data			
Type of mounting Snap-on  Conductors for clamping (additional connection)  Connection type, additional connection Screw connection	Onen sides	right	Evalosion-tested version	Vas
Conductors for clamping (additional connection)  Connection type, additional connection Screw connection			Explosion tosted version	100
Connection type, additional connection Screw connection				
	Conductors for clamping (ad	ditional connection)		
Conductors for clamping (rated connection)	Connection type, additional connectio	n Screw connection		
	Conductors for clamping (rat	ed connection)		
Gauge to IEC 60947-1 B6 Wire connection cross section AWG, AWG 6	Gauge to IEC 60947-1	B6	Wire connection cross section AWG.	AWG 6

Creation date 27.11.2025 09:03:58 MEZ

Connection direction

Catalogue status / Drawings 2

Stripping length

on side





## Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

# **Technical data**

Time of compaction	Caratte / calden accompation	Niverbay of commentions	
Type of connection	Screw / solder connection 16 mm <sup>2</sup>	Number of connections	2 1.31 mm <sup>2</sup>
Clamping range, max. Blade size	1.0 x 5.5 mm	Clamping range, min. Wire connection cross section AWG,	AWG 16
bidue size	1.0 x 5.5 mm	min.	AVVG 10
Wire connection cross-section, finely	16 mm²	Wire connection cross-section, finely	1.31 mm <sup>2</sup>
stranded with wire-end ferrules DIN		stranded with wire-end ferrules DIN	
46228/4, max.		46228/4, min.	
Wire connection cross-section, finely	16 mm²	Wire connection cross-section, finely	1.31 mm <sup>2</sup>
stranded with wire-end ferrules DIN		stranded with wire-end ferrules DIN	
46228/1, max.		46228/1, min.	
Wire connection cross section, finely	16 mm²	Wire connection cross section, finely	1.31 mm <sup>2</sup>
stranded, max.	10 3	stranded, min.	1.01
Connection cross-section, stranded, max.	10 mm <sup>2</sup>	Connection cross-section, stranded, min	i. 1.31 mm²
Twin wire-end ferrules, max.	6 mm <sup>2</sup>	Twin wire-end ferrules, min.	1.5 mm <sup>2</sup>
Wire connection cross-section, solid	16 mm <sup>2</sup>	Wire connection cross-section, solid	1.5 mm <sup>2</sup>
core, max.	10 111111-	core, min.	1.31 111111-
Connection cross-section, finely	1.31 mm²	5010, 111111.	
stranded, min.	1.6 1 11111		
General			
Wire connection cross section AWG,	AWG 6	Wire connection cross section AWG,	AWG 16
Wire connection cross section AWG, max.		min.	
Wire connection cross section AWG, max. Standards	AWG 6 IEC 60947-7-1		AWG 16 TS 35
Wire connection cross section AWG, max.		min.	
Wire connection cross section AWG, max. Standards Rating data	IEC 60947-7-1	min. Mounting rail	TS 35
Wire connection cross section AWG, max. Standards Rating data Rated cross-section	IEC 60947-7-1	min. Mounting rail  Rated voltage	TS 35
Wire connection cross section AWG, max. Standards Rating data Rated cross-section Rated DC voltage	10 mm <sup>2</sup>	min. Mounting rail  Rated voltage Nominal current	TS 35  1000 V 57 A
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires	10 mm <sup>2</sup> 1000 V 76 A	min. Mounting rail  Rated voltage Nominal current Standards	TS 35  1000 V  57 A  IEC 60947-7-1
Wire connection cross section AWG, max. Standards Rating data Rated cross-section Rated DC voltage	10 mm <sup>2</sup>	min. Mounting rail  Rated voltage Nominal current	TS 35  1000 V 57 A
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC	10 mm <sup>2</sup> 1000 V 76 A	min. Mounting rail  Rated voltage Nominal current Standards	TS 35  1000 V  57 A  IEC 60947-7-1
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Pollution severity	10 mm <sup>2</sup> 1000 V 76 A 0.56 mΩ	min. Mounting rail  Rated voltage Nominal current Standards	TS 35  1000 V  57 A  IEC 60947-7-1
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x	10 mm <sup>2</sup> 1000 V 76 A 0.56 mΩ	min. Mounting rail  Rated voltage Nominal current Standards	TS 35  1000 V  57 A  IEC 60947-7-1
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Pollution severity	10 mm <sup>2</sup> 1000 V 76 A 0.56 mΩ	min. Mounting rail  Rated voltage Nominal current Standards	TS 35  1000 V  57 A  IEC 60947-7-1
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Pollution severity  Classifications	10 mm <sup>2</sup> 1000 V 76 A 0.56 mΩ	min. Mounting rail  Rated voltage Nominal current Standards Rated impulse withstand voltage	TS 35  1000 V  57 A  IEC 60947-7-1  8 kV
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Pollution severity  Classifications  ETIM 6.0	IEC 60947-7-1  10 mm² 1000 V 76 A 0.56 mΩ  3	min. Mounting rail  Rated voltage Nominal current Standards Rated impulse withstand voltage	TS 35  1000 V  57 A  IEC 60947-7-1  8 kV
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Pollution severity  Classifications  ETIM 6.0  ETIM 8.0	IEC 60947-7-1  10 mm <sup>2</sup> 1000 V 76 A 0.56 mΩ  3  EC000897 EC000897	min. Mounting rail  Rated voltage Nominal current Standards Rated impulse withstand voltage  ETIM 7.0 ETIM 9.0	TS 35  1000 V 57 A IEC 60947-7-1 8 kV  EC000897 EC000897
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Pollution severity  Classifications  ETIM 6.0  ETIM 8.0  ETIM 10.0	IEC 60947-7-1  10 mm² 1000 V 76 A 0.56 mΩ  3  EC000897 EC000897	min. Mounting rail  Rated voltage Nominal current Standards Rated impulse withstand voltage  ETIM 7.0 ETIM 9.0 ECLASS 9.0	TS 35  1000 V 57 A IEC 60947-7-1 8 kV  EC000897 EC000897 27-14-11-20
Wire connection cross section AWG, max. Standards  Rating data  Rated cross-section Rated DC voltage Current at maximum wires Volume resistance according to IEC 60947-7-x Pollution severity  Classifications  ETIM 6.0  ETIM 8.0  ETIM 10.0  ECLASS 9.1	IEC 60947-7-1  10 mm² 1000 V 76 A 0.56 mΩ  3  EC000897 EC000897 EC000897 27-14-11-20	min. Mounting rail  Rated voltage Nominal current Standards Rated impulse withstand voltage  ETIM 7.0 ETIM 9.0 ECLASS 9.0 ECLASS 10.0	TS 35  1000 V 57 A IEC 60947-7-1 8 kV  EC000897 EC000897 27-14-11-20 27-14-11-20

Catalogue status / Drawings

**Data sheet** 

## **WDU 10 BR**



Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com







#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## Accessories

#### **Blank**



The WAD connector marker is suitable for W-series terminals and for the WEW 35/2 and ZEW 35/2 end brackets. The markers are available as blank markers, with custom printing or standard print with lightning symbol. The WAD MultiCard markers are suitable for labelling with PrintJet CONNECT printers.For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

#### General ordering data

Type WAD 5 MC NE GE
Order No. 1112920000
GTIN (EAN) 4032248891771
Oty. 48 ST

Version

Group markers, Cover,  $33.3 \times 5$  mm, Pitch in mm (P): 5.00 WDU 2.5,

WEW 35/2, ZEW 35/2, yellow

#### **Cross-connections**









The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

## **General ordering data**

Type WQV 16N-10
Order No. 1073400000
GTIN (EAN) 4008190855901
Oty 10 ST

Version

Cross-connector (terminal), when screwed in, yellow, 76 A, Number of poles: 2. Pitch in mm (P): 11.90. Insulated: Yes. Width: 13 mm

## **End plates and partition plates**



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

## **General ordering data**

 Type
 WAP 2.5-10/0.5MM
 Version

 Order No.
 1966380000
 End plate for terminals, dark beige, Height: 54.5 mm, Width: 0.35

 GTIN (EAN)
 4032248688616
 mm, V-0, Wemid, Snap-on: Yes

 Qty.
 50 ST

Creation date 27.11.2025 09:03:58 MEZ

Catalogue status / Drawings 5



## Weidmüller Interface GmbH & Co. KG

6

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com

## **Accessories**

#### **Cross-connections**









The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

## **General ordering data**

Туре	WQB-PEN 10	Version
Order No.	1060300000	Cross-connector (terminal), when screwed in, Silver grey, 57 A,
GTIN (EAN)	4008190098346	Number of poles: 2, Pitch in mm (P): 10.00, Insulated: No, Width:
Qty.	10 ST	14.8 mm