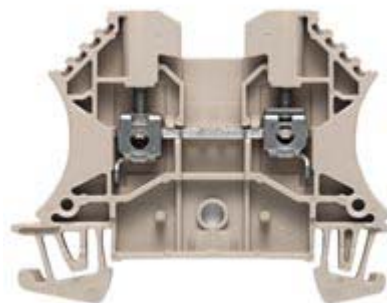
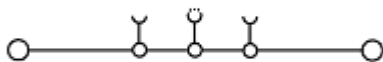


**WDU 2.5****General ordering data**

<b>Order No.</b>	1020000000
<b>Part designation</b>	WDU 2.5
<b>Version</b>	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35
<b>EAN</b>	4008190099633
<b>Qty.</b>	100 pc(s).

**Product notes****Note, accessories**

Socket and test plug, see section "W Series accessories".

Ensure 2.5 mm<sup>2</sup> max. when using the WQB. Shielding rail LS 2.8 1056400000.

Identical profiles from 2.5 to 10 mm<sup>2</sup> with uniform end and partition plates. An unsurpassed combination of many advantages!

**Product description**

Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

**PT OKIECEX/ATEX rating data****EU-type examination certificate**

KEMA98ATEX1683U

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**Download English**

[KEMA98ATEX1683U\\_e.pdf](#)

**IECEX Certificate of Conformity**

IECEXULD05.0008U

**Download**

[IECEXULD05.0008U\\_e.pdf](#)

**ATEX voltage**

550 V

<b>ATEX current</b>	21 A
<b>ATEX conductor cross-section</b>	2.5 mm <sup>2</sup>
<b>IECEX voltage</b>	550 V
<b>IECEX current</b>	20 A
<b>IECEX conductor cross-section</b>	2.5 mm <sup>2</sup>
<b>Voltage when using cross-connections</b>	<a href="#">CrossConnectionGuide.pdf</a>
<b>Operating temperature range</b>	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
<b>Marking EN 60079-7</b>	Ex e II
<b>Marking ATEX Directive 94/9/EC</b>	Ex II 2 G D

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

<b>Solid, min.</b>	0.5 mm <sup>2</sup>
<b>Solid, max.</b>	1.5 mm <sup>2</sup>
<b>Flexible, min.</b>	0.5 mm <sup>2</sup>
<b>Flexible, max.</b>	1.5 mm <sup>2</sup>
<b>Flexible with ferrule, min. (DIN 46228 pt 1)</b>	0.5 mm <sup>2</sup>
<b>Flexible with ferrule, max. (DIN 46228 pt 1)</b>	1.5 mm <sup>2</sup>

#### **Additional technical data**

<b>Colour of insulating material</b>	dark beige
<b>Connection direction</b>	on side
<b>End plate required</b>	Yes
<b>Explosion-tested version "Ex e"</b>	Yes
<b>Installation advice</b>	TS 35
<b>Insulating material</b>	Wemid
<b>Levels cross-connected internally</b>	No
<b>No. of identical terminals</b>	1
<b>No. of levels</b>	1
<b>No. of terminal strips per level</b>	2
<b>Open sides</b>	right
<b>Operating temperature range</b>	- 50 °C, + 120 °C
<b>Product family</b>	W-Series

<b>Type of connection</b>	Screwed
<b>Type of mounting</b>	Snap-on
<b>UL 94 flammability rating of insulation material</b>	V-0
<b>Version</b>	Feed-through terminal

**CSA rating data**

<b>Voltage (CSA)</b>	600 V
<b>CSA current</b>	20 A
<b>Min. cross-section (CSA)</b>	AWG 26
<b>Max. cross-section (CSA)</b>	AWG 12

**Conductors for clamping (rated connection)**

<b>Clamping range, min.</b>	0.05 mm <sup>2</sup>
<b>Clamping range, max.</b>	4 mm <sup>2</sup>
<b>Type of connection</b>	Screw connection
<b>2nd type of connection</b>	screwed
<b>Connection direction</b>	on side
<b>No. of connections</b>	2
<b>Stripping length</b>	10 mm
<b>Clamping screw</b>	M 2.5
<b>Blade size</b>	0.6 x 3.5 mm
<b>Tightening torque range</b>	0.4...0.8 Nm
<b>Torque level with DMS electric screwdriver</b>	1
<b>Gauge to IEC 60947-1</b>	A3
<b>Solid, min.</b>	0.5 mm <sup>2</sup>
<b>Solid, max.</b>	4 mm <sup>2</sup>
<b>Stranded, min.</b>	1.5 mm <sup>2</sup>
<b>Stranded, max.</b>	4 mm <sup>2</sup>
<b>Flexible, min.</b>	0.5 mm <sup>2</sup>
<b>Flexible, max.</b>	4 mm <sup>2</sup>
<b>Flexible with ferrule, min. (DIN 46228/1)</b>	0.5 mm <sup>2</sup>
<b>Flexible with ferrule, max. (DIN 46228/1)</b>	2.5 mm <sup>2</sup>
<b>Flexible, min., ferrule with plastic collar (DIN 46228)</b>	0.5 mm <sup>2</sup>

**pt 4)**

<b>Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)</b>	2.5 mm <sup>2</sup>
<b>Twin wire-end ferrule, min.</b>	0.5 mm <sup>2</sup>
<b>Twin wire end ferrule, max.</b>	1.5 mm <sup>2</sup>
<b>AWG conductor size, min.</b>	AWG 30
<b>AWG conductor size, max.</b>	AWG 12
<b>AWG conductor size, min.</b>	0.05 mm <sup>2</sup>
<b>AWG conductor size, max.</b>	3.31 mm <sup>2</sup>

**Dimensions**

<b>Width</b>	5.1 mm
<b>Height of lowest version</b>	47 mm
<b>Length</b>	60 mm
<b>Weight</b>	8.03 g
<b>TS 35 offset</b>	32 mm

**Disconnect terminals**

<b>Torque level with DMS electric screwdriver</b>	1
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**Rating data**

<b>Rated cross-section</b>	2.5 mm <sup>2</sup>
<b>Rated voltage</b>	800 V
<b>Rated impulse voltage</b>	8 kV
<b>Rated current</b>	24 A
<b>Standards</b>	IEC 60947-7-1
<b>Current with max. conductor</b>	32 A
<b>Pollution severity</b>	3

**UL rating data**

<b>Voltage (UL)</b>	600 V
<b>Current (UL)</b>	25 A
<b>Min. cross-section (UL)</b>	AWG 30

**Max. cross-section (UL)**

AWG 12

**Approvals****Approvals institutes****Downloads****DXF****09252\_WDU\_2.5\_DXF.dxf****STEP****1020000000\_09252\_WDU\_2.5\_STP.stp****Classifications****ETIM 2.0**

EC000897

**ETIM 3.0**

EC000897

**eClass 4.1**

27-14-11-20

**eClass 5.0**







27-14-11-20

**eClass 5.1**

27-14-11-20

**Similar products**

Order No.	Part designation	Version	Qty.	
▶ 1020000000	WDU 2.5	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35	100 pc (s).	▶
▶ 1020080000	WDU 2.5 BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35	100 pc (s).	▶
▶ 1020090000	WDU 2.5 GN	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green, TS 35	100 pc (s).	▶
▶ 1020010000	WDU 2.5 SW	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, black, TS 35	100 pc (s).	▶
▶ 1020020000	WDU 2.5 GE	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, yellow, TS 35	100 pc (s).	▶
▶ 1037720000	WDU 2.5 GR	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, grey, TS 35	100 pc (s).	▶
▶ 1037700000	WDU 2.5 PA/VI	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, PA 66, violet, TS 35	100 pc (s).	▶

▶ 1036800000	WDU 2.5 WS	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, white, TS 35	100 pc (s).	▶ 
▶ 1020700000	WDU 2.5/10 BEZ	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35	10 pc(s).	▶ 
▶ 1020800000	WDU 2.5/10 BEZ/NE	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35	10 pc(s).	▶ 
▶ 1020050000	WDU 2.5 WAP/GG	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35	100 pc (s).	▶ 
▶ 1024700000	WDU 2.5/1.5/ZR	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35	100 pc (s).	▶ 
▶ 1024780000	WDU 2.5/1.5/ZR BL	Feed-through terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35	100 pc (s).	▶ 

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