

Excellent Integrated System Limited

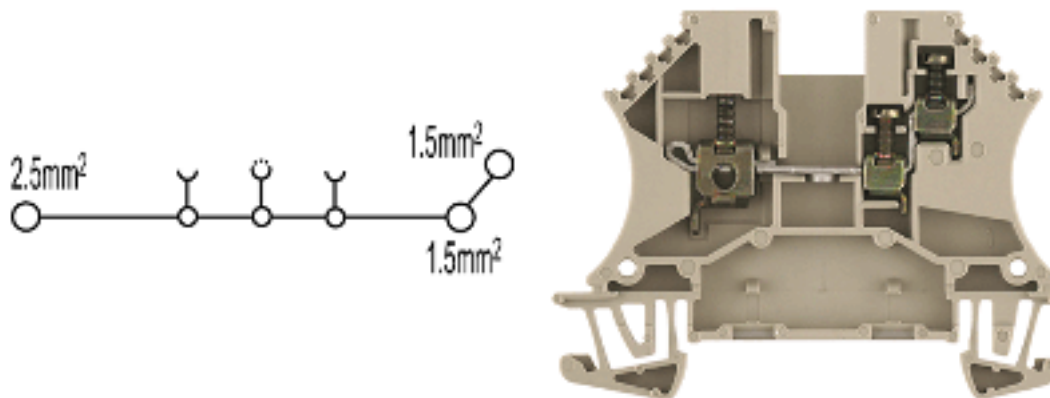
Stocking Distributor

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[Weidmüller](#)
[1024700000](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



General ordering data

Order No.	1024700000
Part designation	WDU 2.5/1.5/ZR
Version	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
EAN	4008190008833
Qty.	100 pc(s).

Product notes

Note, ordering data	Rated voltage 400 V when using the cross-connection ZQV, further connection (right 1.5 mm ²).
Note, technical data	2.5 mm ² conductor with wire end ferrule plus plastic collar only with collar optimised for diameter (order No. 1333100000, 500 pcs)
Product description	Identical form for 2.5-10 mm ² enables the use of common end and partition plates. An unsurpassed combination of many advantages!
Note, accessories	Use a 2.5 / 1 mm ² conductor when using the WQB.

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA98ATEX1685U
Download, German	KEMA98ATEX1685U_d.pdf
Download English	KEMA98ATEX1685U_e.pdf
IECEEx Certificate of Conformity	IECEXULD05.0008U
Download	IECEXULD05.0008U_e.pdf
ATEX voltage	550 V
ATEX current	21 A
ATEX conductor cross-section	2.5 mm ²
IECEEx voltage	550 V
IECEEx current	20 A
IECEEx conductor cross-section	2.5 mm ²
Voltage when using cross-connections	CrossConnectionGuide.pdf

PT OKIECEEx/ATEX rating data

Operating temperature range	For operating temperature range see EC Design Test Certificate / IEC Ex-Certificate of Conformity
Marking EN 60079-7	Ex e II
Marking ATEX Directive 94/9/EC	Ex II 2 G D

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

Solid, min.	0.5 mm ²
Solid, max.	1 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	1.5 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	1.5 mm ²

Additional technical data

Colour of insulating material	dark beige
Connection direction	on side
End plate required	No
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	3
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screwed
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	Feed-through terminal

CSA rating data

Voltage (CSA)	300 V
CSA current	20 A
Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 12

Conductors for clamping (additional connection)

Clamping range, min.	0.13 mm ²
Clamping range, max.	2.5 mm ²
Rated cross-section	15 mm ²
Rated current	17.5 A
Connection direction	on side
No. of connections	2
Stripping length (B1)	7 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm

Conductors for clamping (additional connection)

Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A1
Current (CSA)	15 A
Current (UL)	15 A
Min. conductor cross-section (UL)	AWG 30
Max. conductor cross-section (UL)	AWG 14
Min. conductor cross-section (CSA)	AWG 26
Max. conductor cross-section (CSA)	AWG 14
Solid, min.	0.5 mm ²
Solid, max.	2.5 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	2.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	1.5 mm ²
Flexible with ferrule, min. (DIN 46228 pt 1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228 pt 1)	2.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm ²
AWG conductor size, min.	AWG 14
AWG conductor size, max.	AWG 14
AWG conductor size, min.	0.05 mm ²
AWG conductor size, max.	2.08 mm ²

Conductors for clamping (rated connection)

Clamping range, min.	0.05 mm ²
Clamping range, max.	4 mm ²
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	1
Stripping length	10 mm
Clamping screw	M 2.5
Blade size	0.6 x 3.5 mm
Tightening torque range	0.4...0.6 Nm
Torque level with DMS electric screwdriver	1
Gauge to IEC 60947-1	A3 / A1
Solid, min.	0.5 mm ²
Solid, max.	4 mm ²
Stranded, min.	1.5 mm ²
Stranded, max.	4 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	4 mm ²
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm ²
Flexible with ferrule, max. (DIN 46228/1)	2.5 mm ²
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	0.5 mm ²
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	2.5 mm ²

Conductors for clamping (rated connection)

Twin wire-end ferrule, min.	0.5 mm ²
Twin wire end ferrule, max.	1.5 mm ²
AWG conductor size, min.	AWG 30
AWG conductor size, max.	AWG 12
AWG conductor size, min.	0.05 mm ²
AWG conductor size, max.	4 mm ²

Dimensions

Width	5.1 mm
Height of lowest version	47 mm
Length	60 mm
Weight	8.6 g
TS 35 offset	32 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
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Other connections

No. of connections	2
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Rating data

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

UL rating data

Voltage (UL)	300 V
Current (UL)	20 A
Min. cross-section (UL)	AWG 30
Max. cross-section (UL)	AWG 12

Approvals

Approvals institutes



Downloads

STEP	1024700000_31855_WDU_2.5-1.5-ZR_STP.stp
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Downloads

Classifications

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
1020000000	WDU 2.5	Feed-through terminal, 2.5 mm², Screw connection, Wemid, dark beige, TS 35
1020080000	WDU 2.5 BL	Feed-through terminal, 2.5 mm², Screw connection, Wemid, blue, TS 35
1020090000	WDU 2.5 GN	Feed-through terminal, 2.5 mm², Screw connection, Wemid, green, TS 35
1020010000	WDU 2.5 SW	Feed-through terminal, 2.5 mm², Screw connection, Wemid, black, TS 35
1020020000	WDU 2.5 GE	Feed-through terminal, 2.5 mm², Screw connection, Wemid, yellow, TS 35
1037720000	WDU 2.5 GR	Feed-through terminal, 2.5 mm², Screw connection, Wemid, grey, TS 35
1037700000	WDU 2.5 PA/VI	Feed-through terminal, 2.5 mm², Screw connection, PA 66, violet, TS 35
1036800000	WDU 2.5 WS	Feed-through terminal, 2.5 mm², Screw connection, Wemid, white, TS 35
1020700000	WDU 2.5/10 BEZ	Feed-through terminal, 2.5 mm², Screw connection, Wemid, dark beige, TS 35
1020800000	WDU 2.5/10 BEZ/NE	Feed-through terminal, 2.5 mm², Screw connection, Wemid, dark beige, TS 35
1020050000	WDU 2.5 WAP/GG	Feed-through terminal, 2.5 mm², Screw connection, Wemid, green/yellow, TS 35
1024780000	WDU 2.5/1.5/ZR BL	Feed-through terminal, 2.5 mm², Screw connection, Wemid, blue, TS 35