

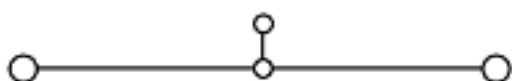
## Excellent Integrated System Limited

Stocking Distributor

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[Weidmüller](#)  
[1802780000](#)

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[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)


**General ordering data**

Order No.	1802780000
Part designation	WDU 240
Version	Feed-through terminal, 240 mm <sup>2</sup> , Screw connection, Wemid, dark beige, TS 35 + TS 32
EAN	4032248313723
Qty.	2 pc(s).

**Product notes**

Note, technical data	Copper straps can be used, possible connections: see online catalogue.
Product description	Direct mounting is possible thanks to the elongated holes on the underside of the terminal. Terminal blocks can be screwed directly to mounting plates with a pitch of 25 mm.
Note, accessories	Auxiliary connection for the additional conductor "WZAD 240", order no. 180281000 (up to 10 mm <sup>2</sup> , 57 A) ELPF insertion profile, for ribbon cable, order no. 1824680000

**PT OKIECEX/ATEX rating data**

EU-type examination certificate	KEMA01ATEX2186U
Download, German	KEMA01ATEX2186U_d.pdf
Download English	KEMA01ATEX2186U_e.pdf
ATEX voltage	1100 V
ATEX current	350 A
ATEX conductor cross-section	240 mm <sup>2</sup>
Voltage when using cross-connections	CrossConnectionGuide.pdf
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)**

Stranded, min.	35 mm <sup>2</sup>
Stranded, max.	95 mm <sup>2</sup>
Flexible, min.	50 mm <sup>2</sup>
Flexible, max.	95 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228 pt 1)	35 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228 pt 1)	50 mm <sup>2</sup>

**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 + TS 32
Insulating material	Wemid
Levels cross-connected internally	No
No. of identical terminals	1
No. of levels	1
No. of terminal strips per level	2
Open sides	closed
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)	600 V
CSA current	380 A
Min. cross-section (CSA)	AWG 00
Max. cross-section (CSA)	500 MCM

**Conductors for clamping (rated connection)**

Clamping range, min.	70 mm <sup>2</sup>
Clamping range, max.	240 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	2
Stripping length	40 mm
Clamping screw	M 10
Blade size	S8 (DIN 6911)
Tightening torque range	12...20 Nm
Gauge to IEC 60947-1	B15
Stranded, min.	70 mm <sup>2</sup>
Stranded, max.	240 mm <sup>2</sup>
Flexible, min.	70 mm <sup>2</sup>
Flexible, max.	240 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	70 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	185 mm <sup>2</sup>

**Conductors for clamping (rated connection)**

Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	70 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	50 mm <sup>2</sup>

**Dimensions**

Width	36 mm
Height of lowest version	131.5 mm
Length	100 mm
TS 35 offset	50 mm

**Rating data**

Rated cross-section	240 mm <sup>2</sup>
Rated voltage	1,000 V
Rated impulse voltage	8 kV
Rated current	415 A
Standards	IEC 60947-7-1
Current with max. conductor	415 A
Pollution severity	3

**Strap connection**

Strap 1, min.	4 layers 16 x 0.8 2 x 15.5 x 0.8
Strap 2, max.	6 layers 9 x 0.8

**UL rating data**

Voltage (UL)	600 V
Current (UL)	380 A
Min. cross-section (UL)	AWG 00
Max. cross-section (UL)	500 MCM

**Approvals**

Approvals institutes


**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
1822210000	WDU 240 BL	Feed-through terminal, 240 mm <sup>2</sup> , Screw connection, Wemid, blue, TS 35 + TS 32