

Excellent Integrated System Limited

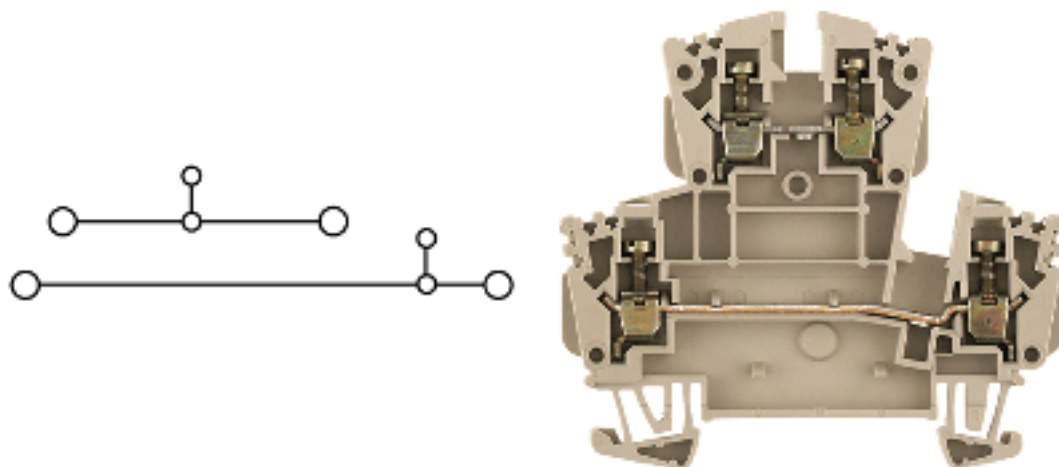
Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Weidmüller](#)
[1029100000](#)

For any questions, you can email us directly:

sales@integrated-circuit.com



General ordering data

Order No.	1029100000
Part designation	WDK 2.5/800V
Version	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, beige, TS 35
EAN	4008190126469
Qty.	100 pc(s).

Product notes

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	Test plug and socket, see "W-Series Accessories" section Note the 2.5 mm ² max. when using the WQB.

PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA98ATEX1687U
Download, German	KEMA98ATEX1687U_d.pdf
Download English	KEMA98ATEX1687U_e.pdf
ATEX voltage	440 V
ATEX current	24 A
ATEX conductor cross-section	2.5 mm ²
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)

Solid, min.	0.5 mm ²
Solid, max.	1.5 mm ²
Flexible, min.	0.5 mm ²
Flexible, max.	1.5 mm ²

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

 Flexible with ferrule, min. (DIN 46228 pt 1) 0.5 mm²

 Flexible with ferrule, max. (DIN 46228 pt 1) 1.5 mm²
Additional technical data

Colour of insulating material beige

Connection direction on side

End plate required Yes

Explosion-tested version "Ex e" Yes

Installation advice TS 35

Insulating material Wemid

Levels cross-connected internally No

No. of levels 2

No. of terminal strips per level 2

Open sides right

Operating temperature range - 50 °C, + 120 °C

Type of connection Screwed

Type of mounting Snap-on

UL 94 flammability rating of insulation material V-0

Version Feed-through terminal

Conductors for clamping (additional connection)

 Flexible with ferrule, min. (DIN 46228 pt 1) 0.5 mm²

 Flexible with ferrule, max. (DIN 46228 pt 1) 2.5 mm²
Conductors for clamping (rated connection)

 Clamping range, min. 0.05 mm²

 Clamping range, max. 4 mm²

Type of connection Screw connection

2nd type of connection screwed

Connection direction on side

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

 Solid, min. 0.5 mm²

 Solid, max. 4 mm²

 Stranded, min. 1.5 mm²

 Stranded, max. 4 mm²

 Flexible, min. 0.5 mm²

 Flexible, max. 4 mm²

 Flexible with ferrule, min. (DIN 46228/1) 0.5 mm²

 Flexible with ferrule, max. (DIN 46228/1) 2.5 mm²

 Flexible, min., ferrule with plastic collar (DIN 46228 pt 4) 0.5 mm²

 Flexible, max., ferrule with plastic collar (DIN 46228 pt 4) 2.5 mm²

Dimensions

Width	6.1 mm
Height of lowest version	63 mm
Length	69 mm
TS 35 offset	35.5 mm

Disconnect terminals

Torque level with DMS electric screwdriver	1
--	---

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

Approvals

Approvals institutes


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
1021500000	WDK 2.5	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1021580000	WDK 2.5 BL	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35
1036400000	WDK 2.5DU-PE	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1041100000	WDK 2.5 ZQV	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1041180000	WDK 2.5 ZQV BL	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35
1022300000	WDK 2.5V	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, dark beige, TS 35
1022380000	WDK 2.5V BL	Feed-through terminal, 2.5 mm ² , Screw connection, Wemid, blue, TS 35