

## Excellent Integrated System Limited

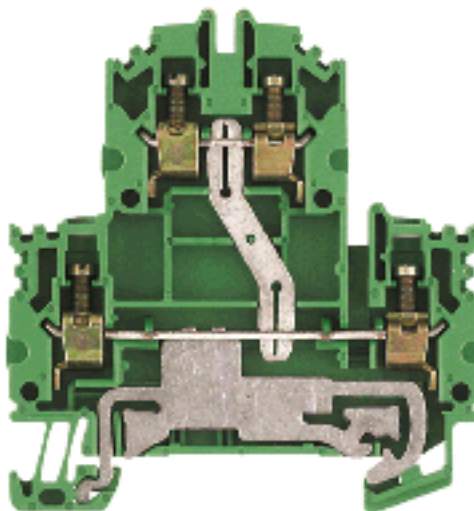
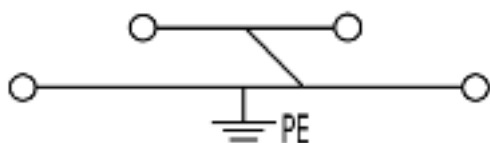
Stocking Distributor

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

[Weidmüller](#)  
[1041920000](#)

For any questions, you can email us directly:

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



#### General ordering data

Order No.	1041920000
Part designation	WDK 4N PE
Version	Earth terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
EAN	4032248138562
Qty.	100 pc(s).

#### Product notes

Note, accessories	Rail support for insulated installation of terminal rail "SH 2" order no. 0494920000 (10 pcs)
Product description	Their small size compared to the respective rated cross-section makes the modular terminals with the compact design very popular.

#### PT OKIECEEx/ATEX rating data

EU-type examination certificate	KEMA00ATEX2061U
Download, German	KEMA00ATEX2061U_d.pdf
Download English	KEMA00ATEX2061U_e.pdf
IECEX Certificate of Conformity	IECEXULD05.0008U
Download	IECEXULD05.0008U_e.pdf
ATEX conductor cross-section	4 mm <sup>2</sup>
IECEX conductor cross-section	4 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

#### Additional technical data

Colour of insulating material	green/yellow
Connection direction	on side
End plate required	Yes
Explosion-tested version "Ex e"	Yes
Installation advice	TS 35

**Additional technical data**

Insulating material	Wemid
Levels cross-connected internally	Yes
No. of identical terminals	1
No. of levels	2
No. of terminal strips per level	2
Open sides	right
Operating temperature range	- 50 °C, + 120 °C
Product family	W-Series
Type of connection	Screw connection
Type of mounting	Snap-on
UL 94 flammability rating of insulation material	V-0
Version	PE terminal

**CSA rating data**

Min. cross-section (CSA)	AWG 26
Max. cross-section (CSA)	AWG 10

**Conductors for clamping (rated connection)**

Clamping range, min.	0.13 mm <sup>2</sup>
Clamping range, max.	6 mm <sup>2</sup>
Type of connection	Screw connection
2nd type of connection	screwed
Connection direction	on side
No. of connections	4
Stripping length	8 mm
Clamping screw	M 3
Blade size	0.6 x 3.5 mm
Tightening torque range	0.5...1.0 Nm
Torque level with DMS electric screwdriver	2
Gauge to IEC 60947-1	A3
Solid, min.	0.5 mm <sup>2</sup>
Solid, max.	6 mm <sup>2</sup>
Stranded, min.	1.5 mm <sup>2</sup>
Stranded, max.	6 mm <sup>2</sup>
Flexible, min.	0.5 mm <sup>2</sup>
Flexible, max.	4 mm <sup>2</sup>
Flexible with ferrule, min. (DIN 46228/1)	0.5 mm <sup>2</sup>
Flexible with ferrule, max. (DIN 46228/1)	4 mm <sup>2</sup>
Flexible, min., ferrule with plastic collar (DIN 46228 pt 4)	1.5 mm <sup>2</sup>
Flexible, max., ferrule with plastic collar (DIN 46228 pt 4)	4 mm <sup>2</sup>
AWG conductor size, min.	AWG 26
AWG conductor size, max.	AWG 10
AWG conductor size, min.	0.13 mm <sup>2</sup>
AWG conductor size, max.	5.26 mm <sup>2</sup>

**Dimensions**

Width	6.1 mm
Height of lowest version	64.1 mm
Length	60.7 mm

#### Dimensions

TS 35 offset 30 mm

#### Disconnect terminals

Torque level with DMS electric screwdriver 2

#### PE rating data

PEN function No  
 Pollution severity 3  
 Rated cross-section 4 mm<sup>2</sup>  
 Rated impulse withstand voltage to adjacent terminal 8 kV  
 Rated short-time current 480 A (4 mm<sup>2</sup>)  
 Rated voltage for adjacent terminal 800 V  
 Standards IEC 60947-7-2  
 Torque level with DMS electric screwdriver 2

#### UL rating data

Min. cross-section (UL) AWG 26  
 Max. cross-section (UL) AWG 10

#### Approvals

Approvals institutes



#### Downloads

STEP 1041920000\_31535\_WDK\_4N\_PE\_STP.stp

#### Classifications

ETIM 2.0 EC000901  
 ETIM 3.0 EC000901  
 eClass 4.1 27-14-03-05  
 eClass 5.0 27-14-03-05  
 eClass 5.1 27-14-03-05

#### Similar products

Order No.	Part designation	Version
1016200000	WPE 2.5N	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35

1041620000	WDK 2.5N PE	Earth terminal, 2.5 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1042700000	WPE 4N	Earth terminal, 4 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1019100000	WPE 16N	Earth terminal, 16 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1717740000	WPE 35N	Earth terminal, 35 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1846040000	WPE 50N	Earth terminal, 50 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
9512200000	WPE 70N/35	Earth terminal, 70 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35
1846030000	WPE 95N/120N	Earth terminal, 95 mm <sup>2</sup> , Screw connection, Wemid, green/yellow, TS 35