

WDK 2.5 GL 330K 230VAC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image**Klippon® Connect with clamping yoke Technology**

The high reliability and variety of designs of the terminal blocks with clamping yoke connections make planning easier and optimises operational safety. Klippon® Connect provides a proven response to a range of different requirements.

General ordering data

Version	W-Series, Feed-through terminal, Double-tier terminal, Rated cross-section: 2.5 mm ² , Screw connection
Order No.	8013840000
Type	WDK 2.5 GL 330K 230VAC
GTIN (EAN)	4008190084455
Qty.	25 pc(s).

Creation date March 29, 2021 10:40:09 PM CEST

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	62.5 mm	Depth (inches)	2.461 inch
Height	69 mm	Height (inches)	2.717 inch
Net weight	13.52 g	Width	5.1 mm
Width (inches)	0.201 inch		

Temperatures

Storage temperature	-25 °C...55 °C	Continuous operating temp., min.	-50 °C
Continuous operating temp., max.	120 °C		

Material data

Material	Wemid	Colour	dark beige
UL 94 flammability rating	V-0		

System specifications

Version	Screw connection, With glow lamp	End cover plate required	Yes
Number of potentials	1	Number of levels	2
Number of clamping points per level	2	Number of potentials per tier	1
Levels cross-connected internally	Yes	PE connection	No
Rail	TS 35	N-function	No
PE function	No	PEN function	No

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

Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, max.	1.5 mm ²	Wire connection cross section, finely stranded with wire-end ferrules DIN 46228/1, 2 clampable wires, min.	0.5 mm ²
Wire connection cross section, finely stranded, two clampable wires, min.	0.5 mm ²	Wire cross-section, finely stranded, two clampable wires, max.	1.5 mm ²

Additional technical data

Explosion-tested version	No	Number of similar terminals	1
Open sides	right	Type of mounting	Snap-on

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Technical data
Conductors for clamping (rated connection)

Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection		Type	solid, H05(07) V-U
		min.	0.5 mm ²	
		max.	4 mm ²	
		nominal	2.5 mm ²	
wire end ferrule		Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
		Recommended wire-end ferrule		
Clampable conductor	Connection specification		Screw connection	
	Cross-section for conductor connection		Type	flexible, H05(07) V-K
		min.	0.5 mm ²	
		max.	4 mm ²	
		nominal	2.5 mm ²	
wire end ferrule		Stripping length	min.	10 mm
			max.	10 mm
			nominal	10 mm
		Recommended wire-end ferrule		
Clamping range, max.	2.5 mm ²			
Clamping range, min.	0.13 mm ²			
Connection direction	on side			
Number of connections	4			
Stripping length	10 mm			
Type of connection	Screw connection			
Wire connection cross section AWG, max.	AWG 12			
Wire connection cross section AWG, min.	AWG 26			
Wire connection cross section, finely stranded, max.	2.5 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, max.	4 mm ²			
Wire connection cross-section, finely stranded with wire-end ferrules DIN 46228/1, min.	0.5 mm ²			
Wire connection cross-section, solid core, max.	4 mm ²			
Wire connection cross-section, solid core, min.	0.5 mm ²			

Display element

Current	5 mA	Indicator element	red
Operating voltage for display, max.	230 V	Operating voltage for display, min.	230 V
Type of voltage for indicator	AC		

General

Rail	TS 35	Wire connection cross section AWG, max.	AWG 12
Wire connection cross section AWG, min.	AWG 26		

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Technical data**Rating data**

Power loss in accordance with IEC 60947-7-x	0.77 W	Rated cross-section	2.5 mm ²
Rated voltage	230 V	Volume resistance according to IEC 60947-7-x	1.33 mΩ

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ECLASS 9.0	27-14-11-20	ECLASS 9.1	27-14-11-20
ECLASS 10.0	27-14-11-20	ECLASS 11.0	27-14-11-20

Important note

Product information The allowed continuous operating temperature must be observed

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	EAC certificate Declaration of Conformity Declaration of Conformity
Engineering Data	STEP
Engineering Data	EPLAN.WSCAD
User Documentation	StorageConditionsTerminalBlocks

Data sheet

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Drawings

