

WDK 2.5 GL 330K 230VAC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Product image



Why not integrating simple electrical functions into a feed through terminal. It has the same slim design of our feed-through terminal blocks - with additional functions such as cross-connections that can be used. Often, you only need a small component to integrate an external device into your automation technology. Our modular terminal blocks with electronic components make this possible; quickly, simply, and with a perfect fit.

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 Stück

Erstellungs-Datum June 1, 2023 11:33:23 AM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

WDK 2.5 GL 330K 230VAC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

Dimensions and weights

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

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

WDK 2.5 GL 330K 230VAC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

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	Recommended wire-end ferrule	
			max. 10 mm		
			nominal 10 mm		
		Connection specification			
	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	Recommended wire-end ferrule	
			max. 10 mm		
			nominal 10 mm		
		Clamping range, max.			
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, min.		0.5 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		

Erstellungs-Datum June 1, 2023 11:33:23 AM CEST

WDK 2.5 GL 330K 230VAC

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

Rating data

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

Classifications

ETIM 6.0	EC000897	ETIM 7.0	EC000897
ETIM 8.0	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	ECLASS 12.0	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 CE Declaration of Conformity CE Declaration of Conformity all terminals UKCA declaration of conformity
Engineering Data	CAD data – STEP
Engineering Data	WSCAD, EPLAN
User Documentation	StorageConditionsTerminalBlocks
Catalogues	Catalogues in PDF-format

WDK 2.5 GL 330K 230VAC

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Zeichnungen

