

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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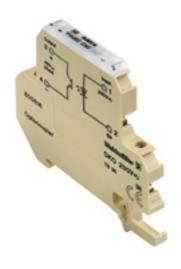


Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16 D-32758 Detmold

Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com











At just 6 mm wide, all components of the DKO range of minicouplers have an extremely narrow design. Four or five screw connections with a nominal cross-section of 4 mm² are available.

The minicouplers are suitable for a wide range of applications in

the coupling of digital sensor/actuator signals with automation devices and the process field.

General ordering data

Order No.	8025910000		
Туре	DKO 35 48VUC		
Version	DK-SERIES, Solid-state relay, Rated control voltage: $48 \text{ V UC} \pm 20 \%$, Rated switching voltage: 548 V DC , Rated switching current: 100 mA , Screw connection		
GTIN (EAN)	4008190888510		
Qty.	10 pc(s).		



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Technical data

Dimensions and mainless			
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Width	6 mm	Height	65 mm
Depth	56 mm	Net weight	16.2 g
Temperatures			
Operating temperature	-25 °C+50 °C	Storage temperature	-40 °C+85 °C
Probability of failure			
MTTF	2,511 Years		
Connection data			
Clamping range, rated connection	4 mm²	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.		Clamping range, rated connection, min.	0.5 11111
Control side			
Rated control voltage	48 V UC ±20 %	Power rating	Max.: 155 mVA / 135 mV
Input frequency	3 kHz	Rated auxiliary voltage	No
Load side			
Rated switching voltage	548 V DC	Rated switching current	100 mA
Switch-on delay	< 5 ms	Switch-off delay	< 15 ms
Protective circuit, load side	Diode	Voltage drop at max. load	≤ 1.5 V
Load side status indicator Rated auxiliary voltage	LED green	Short-circuit-proof	No
General data	NO		
General data			
Solid-state type	Transistor	Conductor connection system	Screw connection
Standards	DIN EN 50178	Wire cross-section, solid, max.	4 mm ²
Insulation coordination			
Rated voltage	300 V	Clearance and creepage distances for control side - load side	≥ 4 mm
Impulse withstand voltage	4 kV	Pollution severity	2
Surge voltage category		1 oliution seventy	
Further details of approvals			
Standards	DIN EN 50178		
Classifications	DIN LIN 30 170		
Ciassifications			
ETIM 3.0	EC001504	UNSPSC	30-21-18-01
eClass 5.1	27-27-09-90	eClass 6.0	27-14-11-20
eClass 7.0	27-27-09-90		



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Technical data

Approvals

Approvals



Downloads

Declaration of Conformity K121_08_97.PDF

3-D model



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Drawings

Electric symbol

