



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!



Contact us

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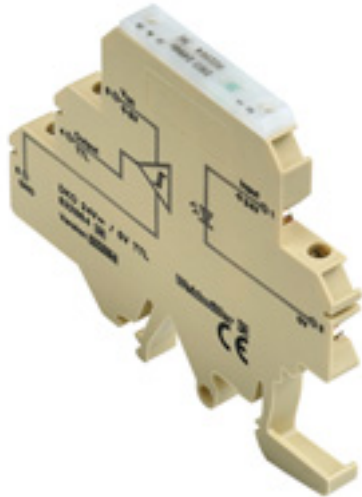
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DK-SERIES DKO DK5 24VUC

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.	8228630000
Type	DKO DK5 24VUC
Version	DK-SERIES, Solid-state relay, Rated control voltage: 24 V UC ±20 % , Rated switching voltage: 24 VDC ±20%, Rated switching current: 2 A, Screw connection
GTIN (EAN)	4008190193881
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	6 mm	Height	77 mm
Depth	77 mm	Net weight	25.5 g

Temperatures

Operating temperature	-25 °C...+50 °C	Storage temperature	-40 °C...+85 °C
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Probability of failure

MTTF	1,806 Years
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Connection data

Clamping range, rated connection	4 mm ²	Clamping range, rated connection, min.	0.5 mm ²
Clamping range, rated connection, max.	4 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²

Control side

Rated control voltage	24 V UC ±20 %	Power rating	Max.: 220 mVA / 195 mW
Input frequency	≤ 10 Hz	Cut-in (switch-on) voltage	approx. 16 V AC/DC
Rated auxiliary voltage	No		

Load side

Rated switching voltage	24 VDC ±20%	Rated switching current	2 A
Switch-on delay	2 ms	Switch-off delay	< 7 ms
Load side status indicator	LED *	Short-circuit-proof	Yes
Rated auxiliary voltage	No	Pulse duty factor (gen.)	1:2

General data

Solid-state type	Transistor	No. of poles	1
Conductor connection system	Screw connection	Humidity	40 °C / 93 % rel. humidity, no condensation
Standards	DIN EN 50178	Wire cross-section, solid, max.	4 mm ²
Wire connection cross section, finely stranded, max.	4 mm ²		

Insulation coordination

Rated voltage	300 V	Clearance and creepage distances for control side - load side	≥ 5.5 mm
Impulse withstand voltage	6 kV	Pollution severity	2
Surge voltage category	III		

Further details of approvals

Standards	DIN EN 50178
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Technical data**Classifications**

ETIM 2.0	EC001504	ETIM 3.0	EC001504
UNSPSC	30-21-18-01	eClass 4.1	27-27-09-00
eClass 5.1	27-27-09-90	eClass 6.0	27-14-11-20
eClass 7.0	27-27-09-90		

Approvals

Approvals

**Downloads**

Declaration of Conformity [K072_08_09.pdf](#)
[3-D model](#)

Data sheet...**DK-SERIES
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Drawings**Electric symbol**