



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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DK-SERIES DKO 35 24VDC 3KHZ E:O

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.	8215640000
Type	DKO 35 24VDC 3KHZ E:O
Version	DK-SERIES, Solid-state relay, Rated control voltage: 24 V DC \pm 10 % , Rated switching voltage: 5...48 V DC, Rated switching current: 20 mA, Screw connection
GTIN (EAN)	4008190458263
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	6 mm	Height	65 mm
Depth	56 mm	Net weight	21.8 g

Temperatures

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

MTTF	3,391 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 DC ±10 %	Power rating	Max. 360 mW
Input frequency	3 kHz	Cut-in (switch-on) voltage	approx. 19 V / 7.5 mA
Rated auxiliary voltage	No		

Load side

Rated switching voltage	5...48 V DC	Rated switching current	20 mA
Switch-on delay	Approx. 50 µs	Switch-off delay	Approx. 80 µs
Protective circuit, load side	Diode	Voltage drop at max. load	≤ 900 mV
Load side status indicator	LED green	Short-circuit-proof	No
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	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	≥ 4 mm
Impulse withstand voltage	4 kV	Pollution severity	2
Surge voltage category	III		

Further details of approvals

Standards	DIN EN 50178
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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	27-14-11-20		

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Data sheet...**DK-SERIES
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Approvals

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

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Drawings**Electric symbol**