

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).

**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

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
-----------------------	-----------------	---------------------	-----------------

Probability of failure

MTTF	1,806 Years
------	-------------

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
-----------	--------------

Data sheet...

**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

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](#)

**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

Drawings**Electric symbol**