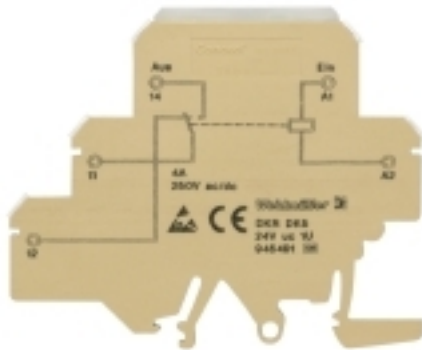


DK-SERIES DKR DK5 24VUC 1U

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Product image



At just 6 mm wide, all components of the DKR minicouplers have an extremely narrow design. Weidmüller also offers 4 and 5 screw-connections, with a rated cross-section of 4 mm².

The mini-coupler is suitable for a wide range of applications. It is used for the coupling of digital sensor/actuator signals with automation devices on the process level..

General ordering data

Delivery status	This article will no longer be available in the future.
Available until	2019-04-15
Type	DKR DK5 24VUC 1U
Order No.	9454910000
Version	DK-SERIES, Relays, No. of contacts: 1 CO contact AgSnO ₂ , Rated control voltage: 24 V UC ±20 %, Continuous current: 6 A, Screw connection
GTIN (EAN)	4032248181827
Qty.	10 pc(s).
Alternative product	1122780000

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Technical data**Dimensions and weights**

Width	6 mm	Width (inches)	0.236 inch
Height	77 mm	Height (inches)	3.031 inch
Depth	77 mm	Depth (inches)	3.031 inch
Net weight	25 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	60 °C
Operating temperature, min.	-40 °C	Storage temperature, max.	60 °C
Storage temperature, min.	-40 °C	Operating temperature	-40 °C...60 °C
Storage temperature	-40 °C...60 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Rated control voltage	24 V UC ± 20 %	Rated current AC	9 mA
Rated current DC	7 mA	Power rating	220 mVA/ 180 mW
Pull-in/drop-out voltage, typ.	18 V AC 19 V DC	Pull-in/drop-out current, typ.	7 mA AC 5.5 mA DC
Status indicator	Green LED	Protective circuit	Free-wheeling diode

Output

Max. switching voltage, AC	250 V	Continuous current	6 A
Inrush current	6 A	Switch-on delay	6 ms
Switch-off delay	15 ms AC / 8 ms DC	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V
Max. switching frequency at rated load	0.1 Hz		

Contact data

Contact type	1 CO contact (AgSnO ₂)	Mechanical service life	2 x 10 ⁷ switching cycles
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General data

Rail	TS 32, TS 35	Test button	No
Mechanical switch position indicator	No	Open sides	right
Colour	beige		

Insulation coordination

Rated voltage	300 V	Surge voltage category	III
Pollution severity	2	Protection degree	IP20
Creepage and clearance distance input - output	≥ 8 mm	Dielectric strength to mounting rail	4 kV _{eff}
Impulse withstand voltage	4 kV		

Further details of approvals / standards

Standards	DIN EN 50178
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Technical data

Connection data

Wire connection method	Screw connection	Clamping range, rated connection	4 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	4 mm ²
Wire connection cross section AWG, min.	AWG 22	Wire connection cross section AWG, max.	AWG 12

Classifications

ETIM 3.0	EC001437	ETIM 4.0	EC001437
ETIM 5.0	EC001437	ETIM 6.0	EC001437
UNSPSC	30-21-19-17	eClass 5.1	27-37-16-01
eClass 6.2	27-37-16-01	eClass 7.1	27-37-16-01
eClass 8.1	27-37-16-01	eClass 9.0	27-37-16-01
eClass 9.1	27-37-16-01		

Approvals

Approvals



ROHS

Conform

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Engineering Data

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