

DK-SERIES
DKR 35 5VDC 1A
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

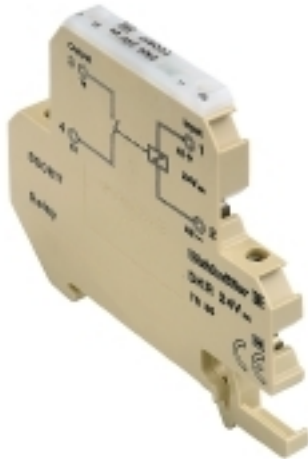
D-32758 Detmold

Germany

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Similar to illustration

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	2016-06-30
Type	DKR 35 5VDC 1A
Order No.	8019610000
Version	DK-SERIES, Relay module, Number of contacts: 1 NO contact Rh/Ru, Rated control voltage: 5 V DC $\pm 5\%$, Continuous current: 0.5 A, Screw connection
GTIN (EAN)	4008190154820
Qty.	10 pc(s).

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Technical data
Dimensions and weights

Width	6 mm	Width (inches)	0.236 inch
Height	65 mm	Height (inches)	2.559 inch
Depth	56 mm	Depth (inches)	2.205 inch
Net weight	16.2 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	40 °C
Operating temperature, min.	-25 °C	Storage temperature, max.	60 °C
Storage temperature, min.	-40 °C	Operating temperature	-25 °C...40 °C
Storage temperature	-40 °C...60 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Rated control voltage	5 V DC $\pm$ 5 %	Rated current DC	12.5 mA
Power rating	65 mW	Pull-in/drop-out voltage, typ.	4.4 V DC
Pull-in/drop-out current, typ.	11.8 mA DC	Status indicator	Green LED
Protective circuit	Free-wheeling diode, Reverse polarity protection		

Output

Max. switching voltage, AC	100 V	Continuous current	0.5 A
Inrush current	500 mA	AC switching capacity (resistive), max.	10 VA
DC switching capacity (resistive), max.	10 W	Switch-on delay	typically 0.7...2.5 ms
Switch-off delay	typical. 0.2...2.0 ms	Min. switching power	1 mA @ 1 V
Max. switching frequency at rated load	200 Hz		

Contact data

Contact type	1 NO contact (Rh/Ru)	Mechanical service life	10 ⁹ switching cycles
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General data

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

Insulation coordination

Rated voltage	150 V	Surge voltage category	III
Pollution severity	2	Protection degree	IP20
Creepage and clearance distance input – output	$\geq$ 3 mm	Dielectric strength to mounting rail	4 kV _{eff}
Impulse withstand voltage	1.5 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 6.0	EC001437	ETIM 7.0	EC001437
eClass 9.0	27-37-16-01	eClass 9.1	27-37-16-01
eClass 10.0	27-37-16-01	UNSPSC	30-21-19-17

Approvals

Approvals



ROHS

Conform

Downloads

 Engineering Data [EPLAN, WSCAD](#)

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Drawings

Wiring diagram

