

DKR 35 24VUC 1U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Product image****General ordering data**

Version	DK-SERIES, Relay module, Number of contacts: 1, CO contact AgNi 0.15 gold flashed, Rated control voltage: 24 V UC $\pm 20\%$, Continuous current: 6 A, Screw connection, Test button available: No
Order No.	8181970000
Type	DKR 35 24VUC 1U
GTIN (EAN)	4008190457174
Qty.	10 pc(s).
Delivery status	Discontinued
Available until	2011-03-31
Alternative product	1122770000

Creation date November 18, 2022 7:13:21 PM CET

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Technical data

Dimensions and weights

Depth	56 mm	Depth (inches)	2.205 inch
Height	65 mm	Height (inches)	2.559 inch
Width	18 mm	Width (inches)	0.709 inch
Net weight	41.2 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

Rated control voltage	24 V UC $\pm 20\%$	Rated current AC	20 mA
Rated current DC	16 mA	Power rating	480 mW / 400 mW
Pull-in/drop-out voltage, typ.	18 V AC 18 V DC	Pull-in/drop-out current, typ.	12.8 mA AC 11.5 mA DC
Status indicator	Green LED	Protective circuit	Free-wheeling diode

Load side

Continuous current	6 A	Max. switching frequency at rated load	10 Hz
Max. switching voltage, AC	250 V	Inrush current	5 A
AC switching capacity (resistive), max.	2000 VA	DC switching capacity (resistive), max.	192 W
Switch-on delay	typically 0.7...2.5 ms	Switch-off delay	typical. 0.2...2.0 ms
Contact type	1 CO contact (AgNi 0.15 gold flashed)	Mechanical service life	$> 10^7$ switching cycles
Min. switching power	100 mA @ 12 V		

General data

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

Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	IV	Creepage and clearance distance input – output	≥ 8 mm
Dielectric strength to mounting rail	4 kV _{eff}	Impulse withstand voltage	6 kV
Protection degree	IP20		

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

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ETIM 6.0	EC001437	ETIM 7.0	EC001437
ETIM 8.0	EC001437	ECLASS 9.0	27-37-16-01
ECLASS 9.1	27-37-16-01	ECLASS 10.0	27-37-16-01
ECLASS 11.0	27-37-16-01	ECLASS 12.0	27-37-16-01

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