

DKR DK5 24VUC 1U

Weidmüller Interface GmbH & Co. KG

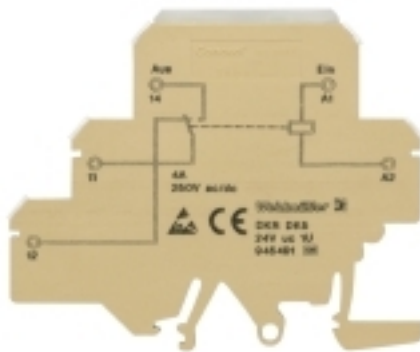
Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



General ordering data

Version	DK-SERIES, Relay module, Number of contacts: 1, CO contact AgSnO2, Rated control voltage: 24 V UC $\pm 20\%$, Continuous current: 6 A, Screw connection
Order No.	9454910000
Type	DKR DK5 24VUC 1U
GTIN (EAN)	4032248181827
Qty.	10 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2019-04-15
Alternative product	1122780000

Creation date March 30, 2021 1:09:11 AM CEST

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Technical data

Dimensions and weights

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

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Control side

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

Load side

AC switching capacity (resistive), max.	1500 VA	DC switching capacity (resistive), max.	140 W
Inrush current	6 A	Max. switching frequency at rated load	0.1 Hz
Max. switching voltage, AC	250 V	Min. switching power	1 mA @ 24 V, 10 mA @ 10 V, 100 mA @ 5 V
Switch-off delay	≤ 15 ms	Switch-on delay	≤ 6 ms

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

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

Further details of approvals / standards

Standards	DIN EN 50178
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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	ECLASS 11.0	27-37-16-01

Approvals

Approvals



ROHS

Conform

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