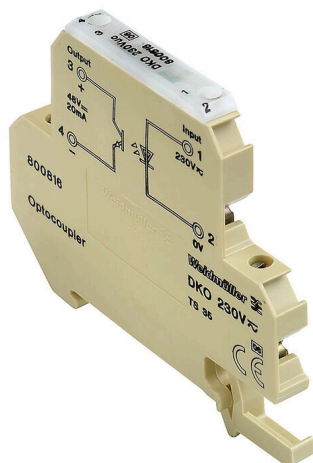


DKO 35 24VDC E:U
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

General ordering data

Version	DK-SERIES, Solid-state relay, Rated control voltage: 24 V DC $\pm 10\%$, Rated switching voltage: 5...48 V DC, Continuous current: 0.5 A, Screw connection
Order No.	8019590000
Type	DKO 35 24VDC E:U
GTIN (EAN)	4008190137823
Qty.	10 items
Delivery status	Discontinued
Available until	2015-06-30T00:00:00+02:00
Alternative product	TOS 24VDC/48VDC 0.5A

DKO 35 24VDC E:U

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Technical data

Approvals

Approvals



ROHS Conform

Dimensions and weights

Depth	56	Depth (inches)	2.2047 inch
Height	65 mm	Height (inches)	2.5591 inch
Width	6 mm	Width (inches)	0.2362 inch
Net weight	20.9 g		

Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...40
Humidity	40 °C / 93 % rel. humidity, no condensation		

Probability of failure

MTTF 2308 a

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	No SVHC above 0.1 wt%

Control side

Rated control voltage	24 V DC ± 10 %	Power rating	145 mW
Status indicator	Green LED	Input frequency	200 Hz

Load side

Rated switching voltage	5...48 V DC	Continuous current	0.5 A
Rated switching current	500 mA	Switch-on delay	approx. 40 μ s
Switch-off delay	Approx. 65 μ s	Voltage drop at max. load	≤ 800 mV
Short-circuit-proof	No	Protective circuit, load side	Diode circuit
Contact type	1 NO contact (Transistor)	max. switching frequency (DC control voltage)	200 Hz
Pulse duty factor (gen.)	1:2		

General data

Mounting rail	TS 35	Colour	beige
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Insulation coordination

Rated voltage	300 V	Pollution severity	2
Surge voltage category	III	Clearance and creepage distances for control side - load side	≥ 4 mm
Impulse withstand voltage	4 kV	Protection degree	IP20

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Technical data

Connection data

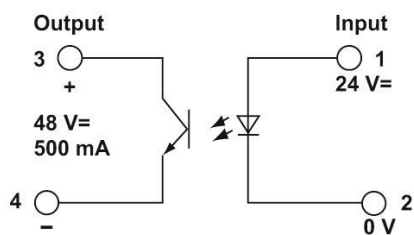
Wire connection method	Screw connection	Clamping range, rated connection	4 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	4 mm ²
Wire cross-section, solid, min.	0.5 mm ²	Wire cross-section, solid, max.	4 mm ²
Wire connection cross section, finely stranded, min.	0.5 mm ²	Wire connection cross section, finely stranded, max.	4 mm ²

Classifications

ETIM 8.0	EC001504	ETIM 9.0	EC001504
ETIM 10.0	EC001504	ECLASS 14.0	27-37-16-04
ECLASS 15.0	27-37-16-04		

Drawings

Wiring diagram



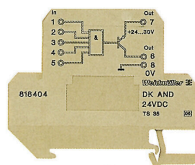
Schaltsymbol

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Accessories
Logic modules


Logic functions AND, NAND, OR and NOR in modular terminal format with a rated cross-section of 4 mm². They each have five inputs which are fed – with logic gating – via a 24 V/20 mA PNP output. The logic components can be used for many applications involving the coupling of digital sensor/actuator signals with automation devices.

General ordering data

Type	AP DKT4 PA	Version
Order No.	0687560000	End plate for terminals, beige, Height: 65 mm, Width: 1.5 mm, V-2,
GTIN (EAN)	4008190009465	PA 66, Snap-on: Yes
Qty.	20 ST	