

## DKO 35 24VDC 3KHZ E:O

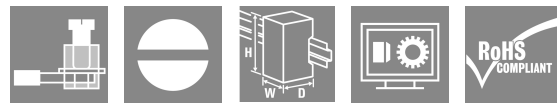
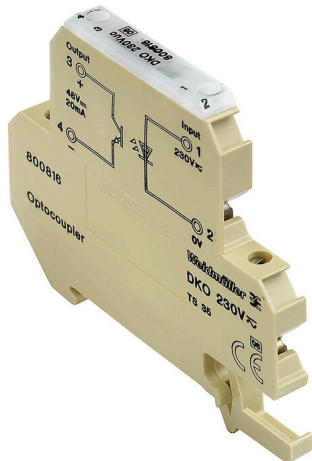
Weidmüller Interface GmbH &amp; Co. KG

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: 20 mA, Screw connection
Order No.	<a href="#">8215640000</a>
Type	DKO 35 24VDC 3KHZ E:O
GTIN (EAN)	4008190458263
Qty.	10 items
Delivery status	Discontinued
Available until	2014-12-31T00:00:00+01:00
Alternative product	<a href="#">TOP 24VDC/48VDC 0.1A</a>

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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	21.8 g		

## Temperatures

Storage temperature	-40 °C...85 °C	Operating temperature	-25 °C...40
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## Probability of failure

MTTF	3391 a
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## Environmental Product Compliance

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

## Control side

Rated control voltage	24 V DC $\pm$ 10 %	Power rating	Max. 360 mW
Status indicator	Green LED	Input frequency	3 kHz

## Load side

Rated switching voltage	5...48 V DC	Continuous current	0.02 A
Rated switching current	20 mA	Switch-on delay	approx. 50 $\mu$ s
Switch-off delay	Approx. 80 $\mu$ s	Voltage drop at max. load	$\leq$ 900 mV
Short-circuit-proof	No	Protective circuit, load side	Diode circuit
Contact type	1 NO contact (Transistor)	max. switching frequency (DC control voltage)	3 kHz
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	$\geq$ 4 mm
Impulse withstand voltage	4 kV	Protection degree	IP20

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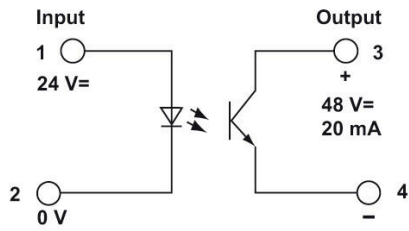
### Connection data

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

### 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		

**Wiring diagram**



Schaltsymbol

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# Accessories

## End plates and partition plates



Partition plates and end plates are essential accessories for terminal blocks. Partition plates provide optical and electrical separation of different potentials and functional groups, increasing safety and ensuring a clear structure inside the control cabinet. End plates close the terminal block row on the sides, protect against contact with live parts, and ensure a clean, stable finish. Both components are precisely matched to the respective Weidmüller terminal block series, contributing to safe, compliant, and professional wiring.

### General ordering data

Type	AP DKT4 PA	Version	
Order No.	<a href="#">0687560000</a>	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		