

DK-SERIES
DK AND 35 24VDC
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

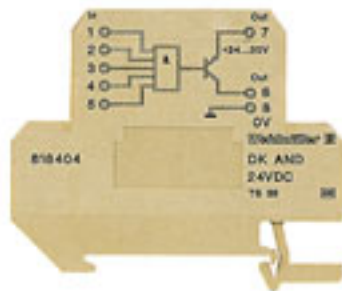
D-32758 Detmold

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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	DK AND 35 24VDC
Order No.	8184040000
Version	Function component, AND gate
GTIN (EAN)	4008190121938
Qty.	5 pc(s).

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Technical data

Dimensions and weights

Length	65 mm	Length (inches)	2.559 inch
Width	12 mm	Width (inches)	0.472 inch
Height	57 mm	Height (inches)	2.244 inch
Net weight	29.2 g		

Temperatures

Humidity	40 °C / 93 % rel. humidity, no condensation	Operating temperature, max.	50 °C
Operating temperature, min.	0 °C	Storage temperature, max.	60 °C
Storage temperature, min.	-40 °C	Operating temperature	0 °C...50 °C
Storage temperature	-40 °C...60 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Input

Number of inputs	5	Pulse duration	≥ 50 µs
Rated input level	24 V DC= High, 0 V = Low	Rated voltage (text)	Max. 30 V
Input current	Approx. 1.5 mA per input (24 V)		

Output

Number of outputs	1	Output current	max. 20 mA
Output level	PNP, Ub-1.8 V	Switching thresholds	High <15 V, low < 9 V
load impedance current	≤ 600 Ω		

General data

Current consumption	< 5 mA	Galvanic isolation	Without isolation
Humidity	40 °C / 93 % rel. humidity, no condensation	Input/Output	Logic module
Open sides	right	Rail	TS 35
Type of connection	Screw connection	Voltage supply	24...30 V DC

Insulation coordination

Insulation voltage input or output/rail	4 kV _{eff}	Standards	DIN EN 50178
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Connection data

Type of connection	Screw connection	Clamping range, rated connection	4 mm ²
Clamping range, min.	0.5 mm ²	Clamping range, max.	4 mm ²

Classifications

ETIM 4.0	EC001417	ETIM 5.0	EC001417
ETIM 6.0	EC001417	UNSPSC	30-21-18-01
eClass 5.1	27-24-22-16	eClass 6.2	27-24-22-16
eClass 7.1	27-24-22-16	eClass 8.1	27-24-22-16
eClass 9.0	27-24-22-16	eClass 9.1	27-21-92-90

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Technical data

Approvals

Approvals



ROHS

Conform

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Approval/Certificate/Document of
Conformity

[Declaration of Conformity.pdf](#)

Engineering Data

[EPLAN, WSCAD](#)

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Drawings

