

DK AND 35 24VDC

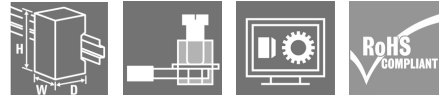
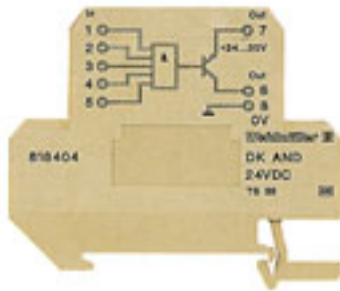
Weidmüller Interface GmbH & Co. KG

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D-32758 Detmold

Germany

www.weidmueller.com



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

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

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Technical data

Dimensions and weights

Height	57 mm	Height (inches)	2.244 inch
Width	12 mm	Width (inches)	0.472 inch
Length	65 mm	Length (inches)	2.559 inch
Net weight	29 g		

Temperatures

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

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

Standards	DIN EN 50178
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Input

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

Output

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

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 6.0	EC001417	ETIM 7.0	EC001417
ETIM 8.0	EC001417	ECLASS 9.0	27-24-22-16
ECLASS 9.1	27-21-92-90	ECLASS 10.0	27-24-22-16
ECLASS 11.0	27-24-22-16	ECLASS 12.0	27-24-22-16

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	35d83707-6a3b-45b5-b9f8-6ba8184c863e

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Technical data**Approvals**

Approvals



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Engineering Data

[CAD data – STEP](#)

Engineering Data

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Catalogues

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Data sheet

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Drawings

