

DK AND 35 24VDC

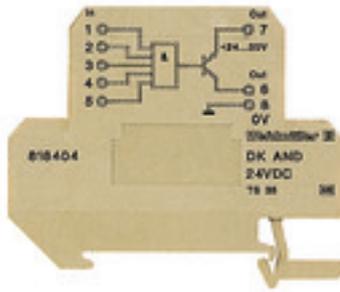
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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

Depth	65 mm	Depth (inches)	2.559 inch
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
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	EN 61000-6-2:2005, EN 61000-6-3:2007/ A1:2011, EN 61000-6-4:2007 + A1:2011		
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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	ETIM 9.0	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	ECLASS 13.0	27-24-22-16

Data sheet**DK AND 35 24VDC**

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Technical data**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	35d83707-6a3b-45b5-b9f8-6ba8184c863e
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cl

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Application notes – Declaration of Conformity
Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format

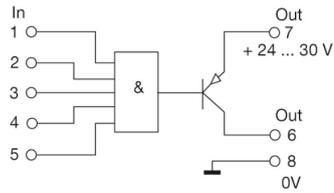
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Drawings



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Accessories

Custom printing



The Dekafix (DEK) marker is the universal marker for all conductor and plug-in connectors as well as for electronic sub-assemblies. The system is ideal for short number sequences and covers a wide range of ready-printed markers.

Strips for fast installation in only one work step. The printing is easy to read, rich in contrast and available in various widths.

- Large range of ready-to-use markers
- Strips for fast installation
- Terminal markers, suitable for all Weidmüller cable connectors
- Available as blank MultiCard or with standard printing

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

Type	DEK 5/5 MC SDR	Version
Order No.	1609810000	Dekafix, Terminal marker, 5 x 5 mm, Pitch in mm (P): 5.00
GTIN (EAN)	4008190456597	Weidmueller, To customer specification
Qty.	200 pc(s).	

1.5 mm²

Numerous national and international approvals and qualifications in accordance with a variety of application standards make the W-series a universal connection solution, especially in harsh conditions. The screw connection has long been an established connection element to meet exacting demands in terms of reliability and functionality. And our W-Series is still setting standards.

General ordering data

Type	VQB 1.5/50 RT	Version
Order No.	1633290000	Cross-connector (terminal), when screwed in, red, 17.5 A, Number of poles: 50, Pitch in mm (P): 6.20, Insulated: Yes, Width: 4.2 mm
GTIN (EAN)	4008190257750	
Qty.	5 pc(s).	
Type	VQB 1.5/50 BL	Version
Order No.	1633280000	Cross-connector (terminal), when screwed in, blue, 17.5 A, Number of poles: 50, Pitch in mm (P): 6.20, Insulated: Yes, Width: 4.2 mm
GTIN (EAN)	4008190257743	
Qty.	5 pc(s).	
Type	VQB 1.5/50 SW	Version
Order No.	1635120000	Cross-connector (terminal), when screwed in, black, 17.5 A, Number of poles: 50, Pitch in mm (P): 6.20, Insulated: Yes, Width: 4.2 mm
GTIN (EAN)	4008190262761	
Qty.	5 pc(s).	

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Accessories

SAK-Series



End plates are fitted to the open side of the last modular terminal before the end bracket. The use of an end plate ensures the function of the modular terminal and the specified rated voltage. It guarantees protection against contact with live parts and makes the final terminal finger-proof.

General ordering data

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

SAK-Series



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

General ordering data

Type	EW 35	Version
Order No.	0383560000	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C
GTIN (EAN)	4008190181314	
Qty.	50 pc(s).	