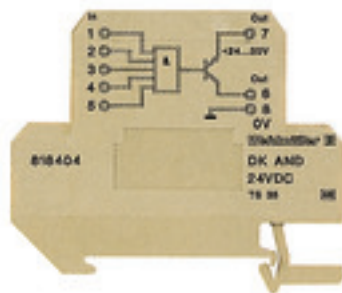


DK NAND 35 24VDC**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Similar to illustration**

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, NAND Gate |
|------------|-------------------------------|
| Order No. | 8248320000 |
| Type | DK NAND 35 24VDC |
| GTIN (EAN) | 4008190406707 |
| 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 | 29.2 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 |
|-----------|--|

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 |

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www.weidmueller.com**Technical data****Environmental Product Compliance**

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

Approvals

Approvals



| | |
|------|---------|
| ROHS | Conform |
|------|---------|

Downloads

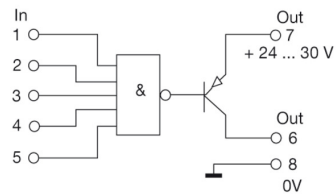
| | |
|---|---|
| Approval/Certificate/Document of Conformity | Application notes – Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

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Drawings



DK NAND 35 24VDC

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Accessories

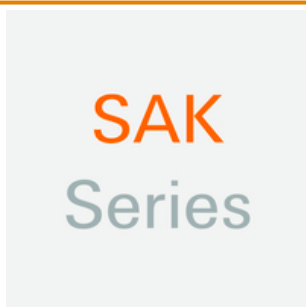
1.5 mm²

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 BL | Version |
| Order No. | 1633280000 | Cross-connector (terminal), when screwed in, Number of poles: 50, |
| GTIN (EAN) | 4008190257743 | Pitch in mm (P): 6.20, Insulated: Yes, 17.5 A, blue |
| Qty. | 5 pc(s). | |
| Type | VQB 1.5/50 SW | Version |
| Order No. | 1635120000 | Cross-connector (terminal), when screwed in, Number of poles: 50, |
| GTIN (EAN) | 4008190262761 | Pitch in mm (P): 6.20, Insulated: Yes, 17.5 A, black |
| Qty. | 5 pc(s). | |
| Type | VQB 1.5/50 RT | Version |
| Order No. | 1633290000 | Cross-connector (terminal), when screwed in, Number of poles: 50, |
| GTIN (EAN) | 4008190257750 | Pitch in mm (P): 6.20, Insulated: Yes, 17.5 A, red |
| Qty. | 5 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, Wemid, beige, Rail: TS 35, when screwed in |
| GTIN (EAN) | 4008190181314 | |
| Qty. | 50 pc(s). | |

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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). | |