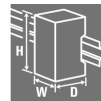
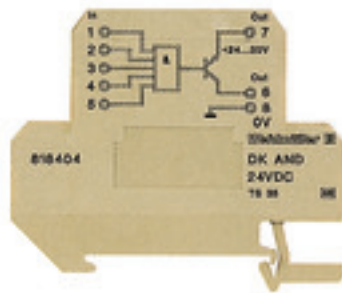


DK AND 35 24VDC**Weidmüller Interface GmbH & Co. KG**

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 |
|-----------|--|

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 |
| RoHS Compliance Status | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 7a, 7cl |

Approvals

Approvals



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

Downloads

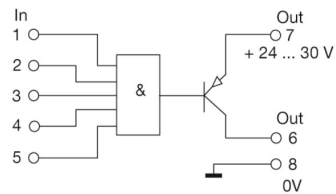
| | |
|---|---|
| Approval/Certificate/Document of Conformity | Application notes – Declaration of Conformity |
| Engineering Data | CAD data – STEP |
| Catalogues | Catalogues in PDF-format |

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Drawings



DK AND 35 24VDC

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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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www.weidmueller.com**Accessories****SAK-Series**

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

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). | |