



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



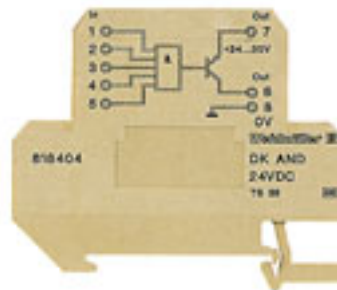
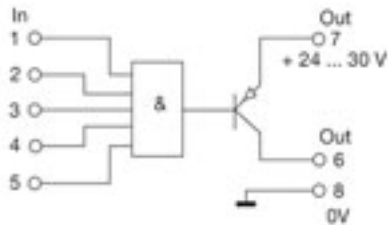
Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





General ordering data

| | |
|------------------|---|
| Order No. | 8184040000 |
| Part designation | DK AND 35 24VDC |
| Version | Function component, Max. 20 mA , Screw connection |
| EAN | 4008190121938 |
| Qty. | 5 pc(s). |

Input

| | |
|-------------------|---------------------------------|
| Input current | Approx. 1.5 mA per input (24 V) |
| Max. voltage | 30 V DC |
| Rated input level | 24 V DC= High, 0 V = Low |
| Pulse duration | $\geq 50 \mu\text{s}$ |
| Number of inputs | 5 |

Output

| | |
|--------------------------|---|
| Output current | Max. 20 mA |
| Load resistance, current | $\leq 600 \Omega$ |
| Output level | PNP, $U_b - 0.1.8 \text{ V}$ |
| Switching thresholds | High $< 15 \text{ V}$, low $< 9 \text{ V}$ |
| Number of outputs | 1 |

General data

| | |
|-----------------------------------|-------------------|
| Function | AND |
| Input/Output | Logic module |
| Galvanic isolation | Without isolation |
| Type of connection | Screw connection |
| Mounting rail | TS 35 + TS 32 |
| Current consumption | $< 5 \text{ mA}$ |
| Voltage supply | 24...30 V DC |
| Ambient temperature (operational) | 0 °C...+50 °C |
| Storage temperature | -40 °C...+60 °C |

Insulation coordination

| | |
|---|------|
| Insulation voltage input or output/rail | 4 kV |
|---|------|

Insulation coordination**Dimensions**

| | |
|----------------------|---------------------|
| Clamping range, max. | 4 mm ² |
| Clamping range, min. | 0.5 mm ² |
| Clamping range, nom. | 4 mm ² |
| Length | 65 mm |
| Height | 57 mm |
| Width | 12 mm |

Approvals

| | |
|----------------------|-------------|
| Approvals institutes | n.a. |
|----------------------|-------------|

Classifications

| | |
|------------|-------------|
| ETIM 2.0 | EC001417 |
| ETIM 3.0 | NK |
| eClass 4.1 | 27-24-01-90 |
| eClass 5.0 | 27-24-22-16 |
| eClass 5.1 | 27-24-22-16 |

Similar products

| Order No. | Part designation | Version |
|------------|------------------|---|
| 8248320000 | DK NAND 35 24VDC | Function component, Max. 20 mA , Screw connection |
| 8218440000 | DK OR 35 24VDC | Function component, Max. 20 mA , Screw connection |
| 8248330000 | DK NOR 35 24VDC | Function component, Max. 20 mA , Screw connection |
| 8248340000 | DKPL 35 24VDC | Function component, Max. 20 mA , Screw connection |