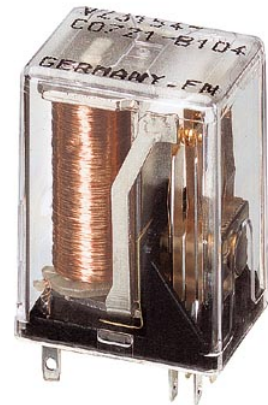


**REL-SG 12-24/B104**

Order No.: 2960009

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2960009>KAMMRELAIS ®, contact B 104, size 1, low-level contact, 2 PDTs,  
input voltage 12-24 V DC**Commercial data**

|                          |                    |
|--------------------------|--------------------|
| EAN                      | 4017918086411      |
| Pack                     | 10 Pcs.            |
| Customs tariff           | 85364190           |
| Weight/Piece             | 0.025 KG           |
| Catalog page information | Page 103 (IF-2002) |

**Product notes**WEEE/RoHS-compliant since:  
05/17/2006

<http://www.download.phoenixcontact.com>  
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

**Technical data****Coil side**

|   |                         |
|---|-------------------------|
| Nominal input voltage $U_N$               | 12 V DC (up to 24 V DC) |
| Input voltage range in reference to $U_N$ | 0.8 ... 1.1             |
| Typical response time                     | 5 ms                    |

|                      |                     |
|----------------------|---------------------|
| Typical release time | 4 ms                |
| Coil resistance      | 890 $\Omega$ +/- 89 |

**Contact side**

|                                       |   |
|---------------------------------------|---|
| Contact type                          | Single contact  |
| Contact material                      | Silver (Ag), gold-flashed   |
| Maximum switching voltage             | 125 V AC<br>150 V DC  |
| Maximum inrush current                | 2 A   |
| Limiting continuous current           | 2 A   |
| Interrupting rating (ohmic load) max. | 48 W (for 24 V DC)<br>40 W (for 48 V DC)<br>40 W (for 60 V DC)<br>45 W (for 110 V DC)<br>50 VA (for 125 V AC) |

**General data**

|  |                                |
|--|--------------------------------|
| Test voltage relay winding/relay contact | 500 V AC (50 Hz, 1 min)        |
| Test voltage PDT/PDT                     | 500 V AC (50 Hz, 1 min)        |
| Ambient temperature (operation)          | -40 °C ... 70 °C               |
| Ambient temperature (storage/transport)  | -40 °C ... 70 °C               |
| Service life mechanical                  | Approx. 10 <sup>8</sup> cycles |

**Certificates / Approvals**



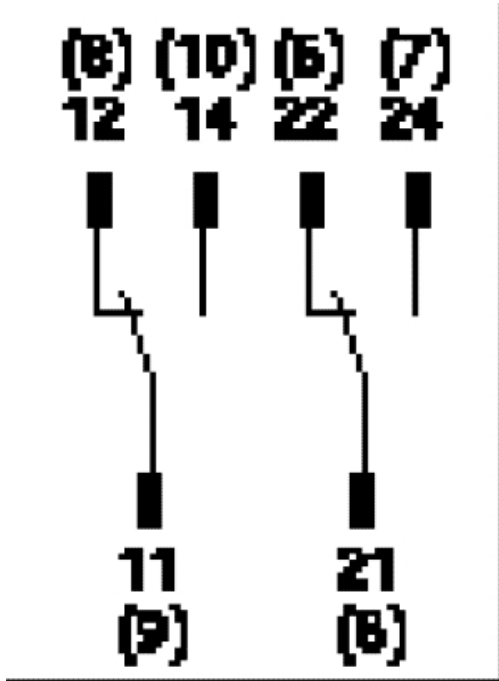
**requested approbations**

|               |      |
|---------------|------|
| Certification | GOST |
|---------------|------|

**Drawings**

Circuit diagram

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**Address**

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