

Single relay - REL-SG 48/F104 - 2960148

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KAMMRELAIS ®, contact F 104, size 2, heavy-duty contact, 2 PDTs, input voltage 48 V DC

The illustration shows the version REL-SG 24/F 104

Key commercial data

Packing unit	1 pc
GTIN	 4 017918 086558
Weight per Piece (excluding packing)	27.77 GRM
Custom tariff number	85364190
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C

Coil side

Nominal input voltage U_N	48 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical response time	8 ms
Typical release time	3 ms
Coil resistance	3200 Ω +15 %

Contact side

Contact type	Single contact
Contact material	Ag, gold-flashed
Maximum switching voltage	250 V AC/DC
Maximum inrush current	5 A

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Technical data

Contact side

Limiting continuous current	5 A
Interrupting rating (ohmic load) max.	120 W (at 24 V DC)
	60 W (at 48 V DC)
	50 W (at 60 V DC)
	70 W (at 110 V DC)
	70 W (for 250 V DC)
	500 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	1 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT	1 kV AC (50 Hz, 1 min.)
Mechanical service life	Approx. 10 ⁷ cycles

Classifications

eCl@ss

eCl@ss 4.0	27371104
eCl@ss 4.1	27371104
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

ETIM

ETIM 2.0	EC000196
ETIM 3.0	EC000196
ETIM 4.0	EC000196
ETIM 5.0	EC000196

UNSPSC

UNSPSC 6.01	30211916
UNSPSC 7.0901	39121515
UNSPSC 11	39121515
UNSPSC 12.01	39121515
UNSPSC 13.2	39121515

Single relay - REL-SG 48/F104 - 2960148

Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



Drawings

Single relay - REL-SG 48/F104 - 2960148

Circuit diagram

