PHŒNIX CONTACT

Single relay - REL-SG220/F104 - 2960177

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KAMMRELAIS ®, contact F 104, size 2, heavy-duty contact, 2 PDTs, input voltage 220 V DC

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

Key commercial data

Packing unit	1 pc
GTIN	4 017918 086589
Weight per Piece (excluding packing)	32.55 GRM
Custom tariff number	85364900
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	220 V DC
Input voltage range in reference to U_N	0.8 (maximum permissible operating voltage: 1.1 x U_N at 20°C)
Typical response time	8 ms
Typical release time	3 ms
Coil resistance	25000 Ω ±15 %

Contact side

Contact type	Single contact
Contact material	Ag, gold-flashed

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Contact side

Maximum switching voltage	250 V AC/DC
Maximum inrush current	5 A
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

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Approvals

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

Approval details

GOST P

Drawings

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Circuit diagram