

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: $1.1 \times U_N$ at 20°C) |
| Typical response time | 8 ms |
| Typical release time | 3 ms |
| Coil resistance | 25000 $\Omega \pm 15 \%$ |

Contact side

| | |
|------------------|------------------|
| Contact type | Single contact |
| Contact material | Ag, gold-flashed |

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Technical data

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

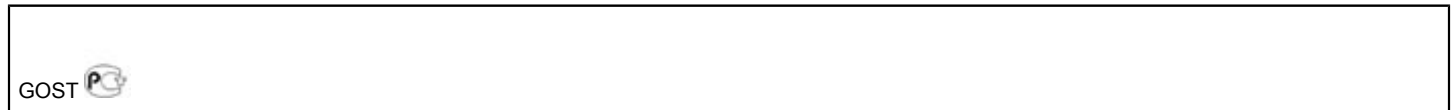
Approvals

GOST

Ex Approvals

Approvals submitted

Approval details



Drawings

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Circuit diagram

