

## Single relay - REL-SG110/F104 - 2960164

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KAMMRELAIS ®, contact F 104, size 2, heavy-duty contact, 2 PDTs, input voltage 110 V DC

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



### Key commercial data

Packing unit	1 pc
GTIN	 4 017918 086572
Weight per Piece (excluding packing)	25.2 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 $U_N$	110 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	20900 $\Omega$ $\pm$ 3140 $\Omega$

#### 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 <sup>7</sup> 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

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Approvals

GOST

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Ex Approvals

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Approvals submitted

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Approval details



### Drawings

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Circuit diagram

