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Relay connector, fitted with miniature switching relay, contacts (AgNi): Medium to large loads, 1 PDT, 230 V AC input voltage, with light indicator, can be plugged into basic terminal blocks

The illustration shows version ST-REL3-KG 24/21



Key commercial data

Packing unit	1 pc	
GTIN	4 017918 077266	
Weight per Piece (excluding packing)	40.98 GRM	
Custom tariff number	85364900	
Country of origin	Germany	

Technical data

Dimensions

Width	20.8 mm
Height	33 mm
Depth	66.5 mm

Ambient conditions

Ambient temperature (operation)	-20 °C 50 °C
Ambient temperature (storage/transport)	-20 °C 70 °C

Coil side

Nominal input voltage U _N	230 V AC/DC
Input voltage range in reference to U _N	0.8 1.06
Typical input current at U _N	5 mA
Typical response time	6 ms



Technical data

Coil side

Typical release time	7 ms (with DC)	
Operating voltage display	Yes	
Protective circuit	Bridge rectifier, varistor	

Contact side

Contact type	Single contact, 1-PDT	
Contact material	AgNi	
Maximum switching voltage	250 V AC/DC	
Maximum inrush current	8 A	
Limiting continuous current	6 A	
Interrupting rating (ohmic load) max.	95 W (at 24 V DC)	
	50 W (at 48 V DC)	
	45 W (at 60 V DC)	
	35 W (at 110 V DC)	
	55 W (at 220 V DC)	
	1500 VA (for 250 V AC)	

General

Test voltage relay winding/relay contact	2.5 kV AC (50 Hz, 1 min.)		
Operating mode	100% operating factor		
Mechanical service life	Approx. 2 x 10 ⁷ cycles		
Standards/regulations	DIN VDE 0110b, Gr. C for 250 V DC		
	IEC 60255/DIN VDE 0435 (in relevant parts)		
	DIN EN 50178/DIN VDE 0160 (in relevant parts)		
	EN 60730/DIN VDE 0631		
	DIN VDE 0160 (in relevant parts)		

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



Classifications

UNSPSC 12.01

UNSPSC 13.2

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		

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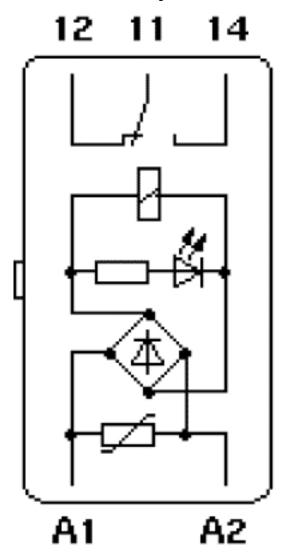
Approvals	
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Ex Approvals	
Approvals submitted	
Approval details	
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Drawings







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