

Relay Package RT

- Relay package consisting of RT relay, DIN-rail socket, plastic retaining clip, module and marking tag
- 1 CO with 12 A or 2 CO with 8 A rated load
- Sensitive DC- or AC coil
- Reinforced insulation (protection class II / VDE 0700), safe separation to VDE 0160
- Jumper bars for interconnection
- **■** Further accessories see Accessories RT

Approvals
Relay: VDE Cert. No. 40007571, cULus E214025

Socket: VDE Cert. No. 4007571, cULus E135149

Technical data of approved types on request

Contact data	1-pole	2-pole		
Contact configuration	1 CO	2 CO		
Contact set	single contact			
Type of interruption	micro disconnection			
Rated voltage/max. switching voltage AC 240/400VAC				
Rated current	16 A*)	8 A		
Limiting continous current	16 A*)	8 A, UL: 10 A		
Maximum breaking capacity AC	4000 VA	2000 VA		
Limiting making capacity,				
max. 4 s , df 10%	30 A	15 A		
Contact material	AgNi90/10, AgNi90/10 gold plated			
Rated frequency of operation				
with/without load	6 / 1200 min ⁻¹			

*) for full load current (16 A) the relay terminals 11-21, 12-22 and 14-24 have to be bridged.

Contact ratings

Interface Power Relay RT For contact ratings see datasheet

Coil data		
Rated coil voltage range		
DC coil	24 VDC	
AC coil	24, 115, 230 VAC	
Operative range to IEC 61810	2	

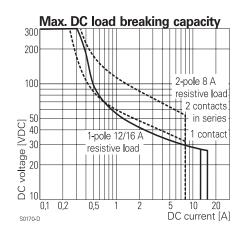
Coil vers	sions, DC co	il			
Coil	Rated	Operate	Release	Coil	Rated coil
code	voltage	voltage	voltage	resistance	power
	VDC	VDC	VDC	Ω±10%	mW
LC4	24	16.8	2.4	1440	400

Coil versions, AC coil 50 Hz Coil Rated coil Coil Rated Operate Release code voltage voltage voltage resistance power 50 Hz 50 Hz 50 Hz VAC VAC VAC Ω VA R24 350±10% 24 18.0 3.6 0.76 8100±15% S15 115 86.3 0.76 17.3

T30 230 172.5 34.5 32500±15% All figures are given for coil without preenergization, at ambient temperature +23°C. Other coil voltages on request





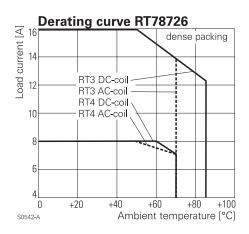


Insulation	1-pole	2-pole	
Dielectric strength	•		
coil-contact circuit	500	0 V _{rms}	
open contact circuit	100	0 V _{rms}	
adjacent contact circuits	250	0 V _{rms}	
Clearance / creepage			
coil-contact circuit	≥ 10/	10 mm	
Material group of insulation parts	I	lla	
Tracking index of relay base	PTI 250 V		
Insulation to IEC 60664-1			
Type of insulation			
coil-contact circuit	reinforced		
open contact circuit	micro disconnection		
adjacent cont. circuits	functional		
Rated insulation voltage	250 V		
Pollution degree	3 2		
Rated voltage system	240 V 230/240 V		
Overvoltage category	III		

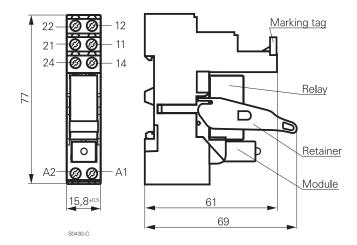


Relay Package RT (Continued)

Other data	1-pole	2-pole	
Mechanical endurance			
DC coil	$> 30 \times 10^6$	$> 30 \times 10^6$	
AC coil	$> 10 \times 10^6$	$> 5 \times 10^6$	
Material compliance: EU RoHS/ELV, C	hina RoHS, REA	ACH, Halogen content	
refer to the Pr	oduct Complian	ice Support Center at	
www.te.com	/customersuppo	ort/rohssupportcenter	
Ambient temperature range			
DC coil	-20+85°C		
AC coil	-20	+70°C	
Processing			
Terminals	SC	rew	
Terminal screw torque acc. IEC 619	61984 0.5 Nm		
max.	0.7	Nm	
Wire cross section			
single wire	2 x 2.	5 mm ²	
fine wire	2 x 2.	5 mm ²	
with bootlace crimp (DIN 46228)	/1) 2 x 1.	5 mm ²	
Insertion cycles	Α	(10)	
Max. Insertion Force total	10	0 N	
Mounting distance		cking of sockets	
Weight	5-	4 g	
Packaging unit	10	pcs	



Dimensions





Relay Package RT (Continued)

Product code structure RT **4S** T30 Typical product code Туре RT Relay Package RT Version Relay set: RT 1-pole CO contacts (1 form C), 16 A, red LED
 Relay set: RT 2-pole CO contacts (2 form C), 8 A, red LED **Contact material** AgNi 90/10, CO contact AgNi 90/10 gold plated, CO contact Coil LC4 R24 24 VDC 24 VAC 115 VAC **S15** T30 230 VAC

Other types on request

Product code	Socket	Retainer	Marking tag	Module	Relay	Coil	Part Number
RT3S4LC4	RT78726	RT17017	RT17040	PTML0024	RT314024	24 VDC	4-1415073-1
RT3S4R24				PTML0524	RT314524	24 VAC	5-1415073-1
RT3S4S15				PTML0730	RT314615	115 VAC	5-1415528-1
RT3S4T30				PTML0730	RT314730	230 VAC	6-1415073-1
RT3S5LC4				PTML0024	RT315024	24 VDC	7-1415073-1
RT3S5R24				PTML0524	RT315524	24 VAC	8-1415073-1
RT3S5T30				PTML0730	RT315730	230 VAC	9-1415073-1
RT4S4LC4				PTML0024	RT424024	24 VDC	1-1415073-1
RT4S4R24				PTML0524	RT424524	24 VAC	2-1415073-1
RT4S4S15				PTML0730	RT424615	115 VAC	8-1415532-1
RT4S4T30				PTML0730	RT424730	230 VAC	3-1415073-1
RT4S5LC4				PTML0024	RT425024	24 VDC	1415074-1
RT4S5R24				PTML0524	RT425524	24 VAC	1-1415074-1
RT4S5T30				PTML0730	RT425730	230 VAC	2-1415074-1

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