

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 dis	connection		
Rated voltage/max. switching voltage	je AC 240/4	100VAC		
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 ms, 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.

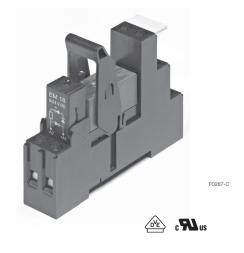
Contact ratings

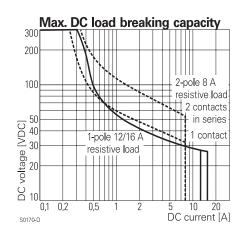
Coil data	
Rated coil voltage range	
DC coil	24 VDC
AC coil	24, 115, 230 VAC
Operative range to IEC 61810	2

Coil vers	sions, DC co	il			
Coil	Rated	Operate	Release	Coil	Rated coil
code	voltage	voltage	voltage	resistance	power
	VDC	VDC	VDC	$\Omega \pm 10\%$	mW
TC4	2/	16.8	2.4	1///	400

Coil vers	sions, AC co	il 50 Hz			
Coil	Rated	Operate	Release	Coil	Rated coil
code	voltage	voltage	voltage	resistance	power
		50 Hz	50 Hz		50 Hz
	VAC	VAC	VAC	Ω	VA
R24	24	18.0	3.6	350±10%	0.76
S15	115	86.3	17.3	8100±15%	0.76
T30	230	172.5	34.5	32500±15%	0.74

All figures are given for coil without preenergization, at ambient temperature $+23^{\circ}$ C. Other coil voltages on request.



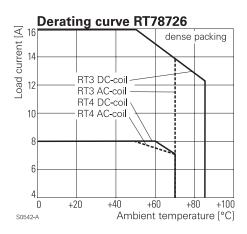


Insulation	1-pole	2-pole		
Dielectric strength				
coil-contact circuit	500	0 V _{rms}		
open contact circuit	100	0 V _{rms}		
adjacent contact circuits	250	0 V _{rms}		
Clearance / creepage				
coil-contact circuit	≥ 10/	10 mm		
Material group of insulation parts	Illa			
Tracking index of relay base	PTI 250 V			
Insulation to IEC 60664-1				
Type of insulation				
coil-contact circuit	reinf	orced		
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			

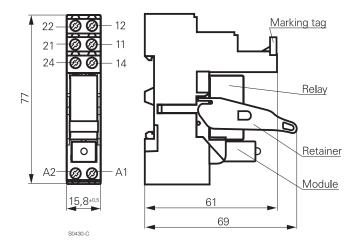


Relay Package RT (Continued)

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 x 10 ⁶
Material compliance: EU RoHS/ELV, CI	,	, 0
		ce Support Center at
	customersuppo/	ort/rohssupportcenter
Ambient temperature range		
DC coil		+85°C
AC coil	-20	+70°C
Processing		
Terminals	SC	rew
Terminal screw torque acc. IEC 619	84 0.5	Nm
max.	0.7	Nm
Wire cross section		
single wire	2 x 2.	5 mm²
fine wire		5 mm²
with bootlace crimp (DIN 46228/	(1) 2 x 1.	5 mm ²
Insertion cycles	Α ((10)
Max. Insertion Force total		0 N
Mounting distance		king of sockets
Weight	54	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

Datasheets and product data is subject to the

terms of the disclaimer and all chapters of

the 'Definitions' section, available at

http://relays.te.com/definitions