

Relay Package RT

- Relay package consisting of RT relay, DIN-rail socket, plastic retaining clip, module and marking tag
- 1 CO with 16 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



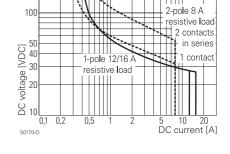
300

200

Approvals

Socket: REG.-Nr. 6106, c Sus 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 / 400 VAC			
Rated current	16 A*)	8 A		
Limiting continuous 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		Ni90/10 gold plated		
Rated frequency of operation with / without load		00 min ⁻¹		
*) For full load current (16 A) the relay terminals 11-21, 12-22 and 14-24 have to be bridged.				



Max. DC load breaking capacity

Contact ratings

For contact ratings see datasheet Interface Power relay RT

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

Coil versions, DC-coil

Coil	Rated	Operate	Release	Coil	Rated coil
code	voltage	voltage	voltage	resistance	power
	VDČ	VDČ	VDČ	Ohm	mW
I C4	24	16.8	2.4	1440±10%	400

Coil versions, AC-coil 50Hz

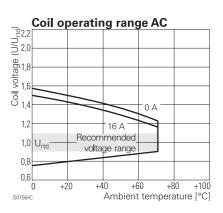
Coil	Rated	Operate	Release	Coil	Rated coil
code	voltage	voltage	voltage voltage		power
		50 Hz	50 Hz		50 Hz
	VAC	VAC	VAC	Ohm	VA
R24	24	18.0	3.6	350±10%	0.76
S15	115	86.3	17.3	8100±15%	0.76
T30	230	172.5	34.5	32500±15%	0.74

All figures are given for coil without preenergization, at ambient temperature +23°C Other coil voltages on request

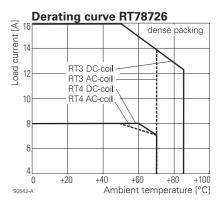


Relay Package RT (Continued)

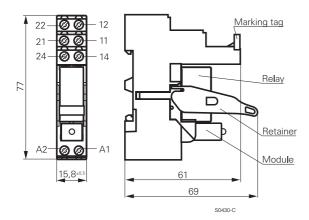
Insulation	1-pole	2-pole	
Dielectric strength coil-contact circuit	5000 V ₁	rms	
open contact circuit	1000 V _{rms}		
adjacent contact circuits	2500 V _{rms}		
Clearance / creepage coil-contact circuit	≥ 10 / 10 mm		
Material group of insulation parts	Illa		
Tracking index of relay base	PTI 250 V		
Insulation to IEC 60664-1			
Type of insulation coil-contact circuit	reinforced		
open contact circuit	micro disconnection		
adjacent contact circuits	s functional		
Rated insulation voltage	250	V	
Pollution degree,	3	2	
Rated voltage system	240 V	230 / 400 V	
Overvoltage category	III		



Other data			
Mechanical endurance	1-pole	2-pole	
DC coil	$> 30 \times 10^6$	$>30 \times 10^{6}$	
AC coil	$> 10 \times 10^6$	>5 x 10 ⁶	
Material			
RoHS - Directive 2002/95/EC com	pliant as per proc	duct date code 0535	
Environment			
Ambient temperature range DC coil	-20+	85°C	
AC coil	-20+70°C		
Processing			
Terminals	scre	ew	
Terminal screw torque acc. IEC 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	A (10)		
Max. Insertion Force total	100 N		
Mounting distance	≥ 0, dense packing of sockets		
Weight	54 g		
Packaging unit	10 p	cs	

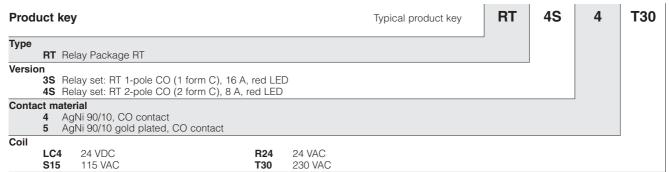


Dimensions





Relay Package RT (Continued)



Other types on request

Product key	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

change.