

Power PCB Relay RT2 DC and AC (for Asia/Pacific markets) (Continued)

Other Data

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content refer to the Product Compliance Support Center at www.te.com/customersupport/rohssupportcenter

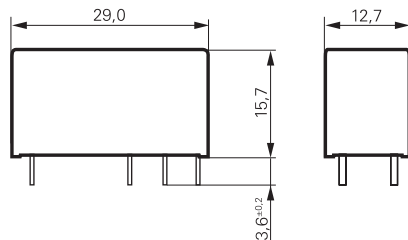
Resistance to heat and fire	
WG version	according EN60335, par30
Ambient temperature	-40 to 85°C
Category of environmental protection	
IEC 61810	RTII - flux proof, RTIII - wash tight
Vibration resistance (functional)	
form A/form B contact, 30 to 300Hz	20g/5g
Shock resistance (destructive)	100g
Terminal type	PCB-THT, plug-in
Weight	13g
Resistance to soldering heat	THT, IEC 60068-2-20
RTII	270°C/10s
RTIII	260°C/5s
Packaging/unit	tube/20pcs., box/500pcs.

Accessories

For details see datasheet [Accessories Industrial Power Relay RT](#)

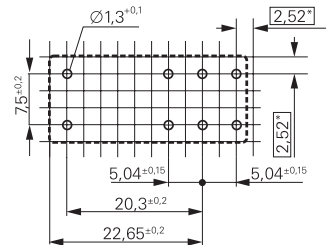
NOTE: indicated contact ratings and electrical endurance data for direct wiring of relays (according IEC 61810-1); for relays mounted on sockets deratings may apply.

Dimensions



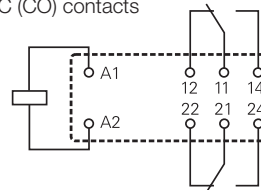
PCB layout / terminal assignment

Bottom view on solder pins

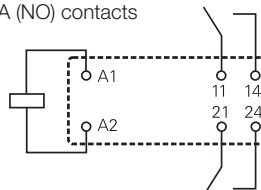


*) With the recommended PCB hole sizes a grid pattern from 2.5mm to 2.54mm can be used.

2 form C (CO) contacts



2 form A (NO) contacts



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Product code structure

Typical product code **RT 4 2 4 024**

Type

RT Power PCB Relay RT2

Version

- 4** 8A, pinning 5mm, flux proof
- E** 8A, pinning 5mm, wash tight (not for Reflow version)

Contact arrangement

- 2** 2 form C (CO) contacts
- 4** 2 form A (NO) contacts

Contact material

- 3** AgSnO
- 4** AgNi 90/10
- 5** AgNi 90/10 gold plated

Coil

Coil code: please refer to coil versions table

Version

- Blank** Standard version
- WG** Product in accordance with IEC 60335-1 (domestic appliances)
- R** Reflow solderable

Product code	Version	Contact	Contact Material	Coil	Version	Part number
RT424005	8A,	2 form C (CO)	AgNi 90/10	5VDC	standard	1-1649329-0
RT424006	pinning 5 mm,	contacts		6VDC		1-1649329-1
RT424009	flux proof			9VDC		1-1649329-2
RT424012				12VDC		1-1649329-3
RT424012WG				12VDC	IEC 60335-1 compliant	8-1833003-5
RT424024				24VDC	standard	1-1649329-5
RT424048				48VDC		1-1649329-6
RT424060				60VDC		1-1649329-7
RT424110				110VDC		1-1649329-8
RT425005			AgNi 90/10	5VDC		4-1649329-6
RT425012			gold plated	12VDC		4-1649329-9
RT425024				24VDC		5-1649329-1
RT444012		2 form A (NO)	AgNi 90/10	12VDC		3-1649329-1
RT444024		contacts		24VDC		3-1649329-3
RTE24005	8A,	2 form C (CO)		5VDC		1649329-1
RTE24006	pinning 5 mm,	contacts		6VDC		1649329-2
RTE24012	wash tight			12VDC		1649329-4
RTE24024				24VDC		1649329-6
RTE24048				48VDC		1649329-7
RTE24060				60VDC		1649329-8
RTE24110				110VDC		1649329-9
RTE25005			AgNi 90/10	5VDC		3-1649329-7
RTE25012			gold plated	12VDC		4-1649329-0
RTE25024				24VDC		4-1649329-2
RTE44009		2 form A (NO)	AgNi 90/10	9VDC		2-1649329-1
RTE44012		contacts		12VDC		2-1649329-2
RTE44024				24VDC		2-1649329-4
RTE44048				48VDC		2-1649329-5