

## **Other Data**

Material compliance: EU RoHS/ELV, China RoHS, REACH, Halogen content							
refer to the Product Compliance Support Center a							
www.te.com/customersupport/rohssupportcente							
Ambient temperature	-40 to 85°C						
Category of environmental prote	ection						
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



S0163-BJ

**Potter & Brumfield** 

2 form A (NO) contacts



S0163-BK

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Datasheets and product specification according to IEC 61810-1 and to be used only together with the 'Definitions' section. Datasheets and product data is subject to the terms of the disclaimer and all chapters of the 'Definitions' section, available at <a href="http://relays.te.com/definitions">http://relays.te.com/definitions</a>

Datasheets, product data, 'Definitions' section, application notes and all specifications are subject to change.

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# Power PCB Relay RT2 (Continued)

Product	t code structure	Typical product code	RT	4	2	4	024	F
Туре								
R	Power PCB Relay RT2							
Version								
4	8A, pinning 5mm, flux proof							
E	8A, pinning 5mm, wash tight							
Contact a	arrangement							
2	2 form C (CO) contacts							
4	2 form A (NO) contacts							
Contact I	material							
4	AgNi 90/10							
Coil								
	Coil code: please refer to coil versions table							
Version								
F	Standard version							

Product code	Version	Contacts	Contact material	Coil	Part number
RT424005F	8A,	2 form C (CO)	AgNi 90/10	5VDC	1-1419108-6
RT424012F	pinning 5mm,	contacts		12VDC	2-1393237-8
RT424024F	flux proof			24VDC	1-1419108-7
RT444012F		2 form A (NO)		12VDC	1-1419108-9
RT444024F		contacts		24VDC	2-1419108-0
RTE24005F	8A,	2 form C (CO)		5VDC	4-1419108-0
RTE24006F	pinning 5mm,	contacts		6VDC	6-1393227-5
RTE24009F	wash tight			9VDC	3-1393237-0
RTE24012F				12VDC	3-1393237-1
RTE24024F				24VDC	3-1393237-3
RTE24048F				48VDC	3-1393237-4
RTE44012F		2 form A (NO)		12VDC	4-1419108-2
RTE44024F		contacts		24VDC	3-1393237-5

This list represents the most common types and does not show all variants covered by this datasheet.

Other types on request

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