

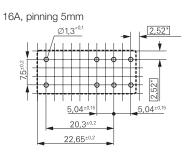
## Power PCB Relay RTH 105°C 16A (Continued)

## **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

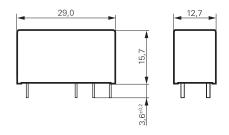
www.te.com	/customersupport/rohssupportcenter
Resistance to heat and fire	
WG version	according EN 60335-1, par.30
Ambient temperature	-40 to 105°C
Category of environmental protection	
IEC 61810	RTII - flux proof
Vibration resistance (functional)	
form A/form B contact, 30 to 150Hz	z 20/5g
Shock resistance (destructive)	100g
Terminal type	PCB-THT
Weight	14g
Resistance to soldering heat THT	
IEC 60068-2-20	270°C/10s
Packaging/unit	tube/20 pcs., box/500 pcs.

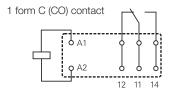
## PCB layout / terminal assignment

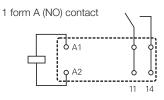


\*) With the recommended PCB hole sizes a grid pattern from 2.5mm to 2.54mm can be used.

## **Dimensions**







Product	t code structure		Typical product code	RT	Н	3	4	012	WG
Туре									
	T Power PCB Relay RTH 105°C 16A								
Version									
Н	16A, pinning 5mm, 105°C								
Contact	configuration					_			
1	1 form C (CO) contact								
3	1 form A (NO) contact	H	1 form A (NO) contact "High Performance"						
Contact	material		<u> </u>				•		
4	AgNi 90/10								
Coil								_	
Co	oil code: please refer to coil versions ta	ble							
Version	•								
ВІ	lank Standard version								
w	Product in accordance with IEC	60335-1	(domestic appliances)						

Product code	Version	Contact configuration	n Contact Material	Coil	Part number
RTH14012	16A, 105°C	1 form C (CO)	AgNi 90/10	12VDC	8-1415006-1
RTH14012WG		contact			1-1415538-1
RTH14024WG				24VDC	9-1415535-4
RTH34012		1 form A (NO)		12VDC	9-1415006-1
RTH34012WG		contact			1-1415536-9
RTH34024				24VDC	1415039-1
RTH34024WG					2-1415536-0
RTHH4009WG	16A, 105°C,			9VDC	1-1415540-6
RTHH4012	High Performance			12VDC	8-1415047-1
RTHH4012WG					4-1415536-2
RTHH4024				24VDC	9-1415047-1

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