


Timer relay - PLC-RSC- 24DC/PMC T200/21HC - 2307293

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)

Modular timer relay, passing make contact with plug-in miniature relay and screw connection



Key Commercial Data

Packing unit	10 pc
GTIN	 4 017918 992743
GTIN	4017918992743

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
-------------------------	---

Dimensions

Width	14 mm
Height	80 mm
Depth	94 mm

Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
---------------------------------	------------------

Coil side

Nominal input voltage U_N	24 V DC
Input voltage range in reference to U_N	0.8 ... 1.1
Typical input current at U_N	15 mA (Relay ON) 4.3 mA (Relay OFF)
Typical response time	7 ms
Typical release time	200 ms +130 ms (Typical interval time at U_N)
Coil voltage	24 V DC
Protective circuit	Free-wheeling diode
Operating voltage display	Yellow LED
Power dissipation for nominal condition	0.4 W

Contact side

Contact type	Single contact, 1-PDT
--------------	-----------------------

Timer relay - PLC-RSC- 24DC/PMC T200/21HC - 2307293

Technical data

Contact side

Type of switch contact	Single contact
Contact material	AgNi, hard gold-plated
Maximum switching voltage	250 V AC/DC (Separating plate PLC-ATP must be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules.)
Minimum switching voltage	12 V AC/DC
Min. switching current	100 mA
Maximum inrush current	16 A
Limiting continuous current	10 A

Contact side (with destroyed gold layer)

Interrupting rating (ohmic load) max.	240 W (at 24 V DC)
	144 W (at 48 V DC)
	48 W (at 60 V DC)
	50 W (at 110 V DC)
	80 W (at 220 V DC)
	4000 W (for 250 V AC)

Connection data input side

Connection name	Coil side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
	0.2 mm ² ... 2.5 mm ² ()
	2x 0.5 mm ² ... 1.5 mm ² ()
Conductor cross section AWG	24 ... 14

Connection data output side

Connection name	Contact side
Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross section solid	0.14 mm ² ... 2.5 mm ²
Conductor cross section flexible	0.14 mm ² ... 2.5 mm ²
	0.2 mm ² ... 2.5 mm ² ()
	2x 0.5 mm ² ... 1.5 mm ² ()
Conductor cross section AWG	26 ... 14

General

Operating mode	100% operating factor
Degree of protection	IP20

Timer relay - PLC-RSC- 24DC/PMC T200/21HC - 2307293

Technical data

General

Mechanical service life	approx. 2x 10 ⁷ cycles
Mounting position	any
Assembly instructions	In rows with zero spacing

Standards and Regulations

Designation	Air clearances and creepage distances
Standards/regulations	DIN EN 50178
Insulation	Safe isolation, reinforced insulation (partition plate PLC-ATP should be installed for safe isolation between adjacent modules).
Degree of pollution	3
Overvoltage category	III
Flammability rating according to UL 94	V0

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		RU C- DE.A*30.B.01082
-----	---	--------------------------

Phoenix Contact 2018 © - all rights reserved
<http://www.phoenixcontact.com>

PHOENIX CONTACT GmbH & Co. KG
Flachmarktstr. 8
32825 Blomberg
Germany
Tel. +49 5235 300
Fax +49 5235 3 41200
<http://www.phoenixcontact.com>

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Phoenix Contact:](#)

[2307293](#)