


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

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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
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### Dimensions

Width	14 mm
Height	80 mm
Depth	94 mm

### Ambient conditions

Ambient temperature (operation)	-20 °C ... 50 °C
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### 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
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## 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 <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> ( )
	2x 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> ( )
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 <sup>2</sup> ... 2.5 mm <sup>2</sup>
Conductor cross section flexible	0.14 mm <sup>2</sup> ... 2.5 mm <sup>2</sup>
	0.2 mm <sup>2</sup> ... 2.5 mm <sup>2</sup> ( )
	2x 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> ( )
Conductor cross section AWG	26 ... 14

### General

Operating mode	100% operating factor
Degree of protection	IP20

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## Technical data

### General

Mechanical service life	approx. 2x 10 <sup>7</sup> 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

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#### Approvals

EAC

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#### Ex Approvals

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### Approval details

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