

# 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

package_quantity	10
GTIN	4017918992743

## Technical data

### 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
Nominal input current at $U_{IN}$	15 mA (Relay ON)
Nominal input current at $U_{IN}$	4.3 mA (Relay OFF)
Typical response time	7 ms
Typical release time	200 ms + 130 ms (Typical interval time at $U_N$ )
Operating voltage display	Yellow LED
Protective circuit	Free-wheeling diode

### Contact side

Contact type	Single contact, 1-PDT
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

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## Technical data

### Contact side

Maximum inrush current	16 A
Min. switching current	100 mA
Limiting continuous current	10 A
Interrupting rating (ohmic load) max.	240 W (at 24 V DC)
Interrupting rating (ohmic load) max.	144 W (at 48 V DC)
Interrupting rating (ohmic load) max.	48 W (at 60 V DC)
Interrupting rating (ohmic load) max.	50 W (at 110 V DC)
Interrupting rating (ohmic load) max.	80 W (at 220 V DC)
Interrupting rating (ohmic load) max.	4000 W (for 250 V AC)

### General

Operating mode	100% operating factor
Degree of protection	IP20
Mechanical service life	Approx. $2 \times 10^7$ cycles
Inflammability class according to UL 94	V0
Name	Air and creepage distances
Standards/regulations	DIN EN 50178
Rated surge voltage / insulation	Safe isolation, reinforced insulation (partition plate PLC-ATP should be installed for safe isolation between adjacent modules).
Pollution degree	3
Surge voltage category	III
Mounting position	Any
Assembly instructions	In rows with zero spacing

### Connection data

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	2.5 mm <sup>2</sup>
Conductor cross section stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	14

## classifications

### eCl@ss

eCl@ss 4.0	27371102
eCl@ss 4.1	27371102
eCl@ss 5.0	27371001
eCl@ss 5.1	27371001
eCl@ss 6.0	27371001
eCl@ss 7.0	27371001
eCl@ss 8.0	27371001

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### classifications

#### ETIM

<b>ETIM 2.0</b>	EC000196
<b>ETIM 3.0</b>	EC000196
<b>ETIM 4.0</b>	EC000196
<b>ETIM 5.0</b>	EC000196

#### UNSPSC

<b>UNSPSC 6.01</b>	30211916
<b>UNSPSC 7.0901</b>	39121515
<b>UNSPSC 11</b>	39121515
<b>UNSPSC 12.01</b>	39121515
<b>UNSPSC 13.2</b>	39121515

### Drawings

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