

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



2307293

<https://www.phoenixcontact.com/us/products/2307293>

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



## Commercial data

Item number	2307293
Packing unit	10 pc
Minimum order quantity	1 pc
Sales key	C461
Product key	DK623H
GTIN	4017918992743
Weight per piece (including packing)	72.08 g
Weight per piece (excluding packing)	72.08 g
Customs tariff number	85364900
Country of origin	DE

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## Technical data

### Product properties

Product type	Relay Module
Product family	PLC-INTERFACE
Operating mode	100% operating factor
Mechanical service life	approx. $2 \times 10^7$ cycles

### Insulation characteristics: Air clearances and creepage distances

Insulation	Safe isolation, reinforced insulation (partition plate PLC-ATP should be installed for safe isolation between adjacent modules).
Overvoltage category	III
Pollution degree	3

### Data management status

Date of last data management	07.05.2026
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### Electrical properties

Maximum power dissipation for nominal condition	0.4 W
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### Input data

#### Coil side

Nominal input voltage $U_N$	24 V DC
Input voltage range	19.2 V DC ... 26.4 V DC (20 °C)
Nominal voltage (plugged-in electromechanical relay)	24 V DC
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 $U_N$ )
Protective circuit	Surge protection; Freewheeling diode
Operating voltage display	Yellow LED

### Output data

#### Switching

Contact switching type	Single contact, 1 changeover contact
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
Limiting continuous current	10 A
Maximum inrush current	16 A
Min. switching current	100 mA

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Switching: when the gold layer is destroyed

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

Connection method	Screw connection
Stripping length	8 mm
Screw thread	M3
Conductor cross-section rigid	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> (Single ferrule)
	2x 0.5 mm <sup>2</sup> ... 1.5 mm <sup>2</sup> (TWIN ferrule)
Conductor cross-section AWG	26 ... 14
Tightening torque	0.45 Nm ... 0.55 Nm (Usually these terminal blocks must be supported during conductor connection (held by one hand, supported on the housing))

## Dimensions

Item dimensions

Width	14 mm
Height	80 mm
Depth	94 mm

## Material specifications

Color	green (RAL 6021)
Flammability rating according to UL 94 (Housing)	V0 (Housing)

## Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 50 °C

## Approvals

Corrosive gas test

Identification	ISA-S71.04. G3 Harsh Group
	EN 60068-2-60

## Standards and regulations

Air clearances and creepage distances

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Standards/regulations	DIN EN 50178
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## Mounting

Mounting type	DIN rail mounting
Assembly note	in rows with zero spacing
Mounting position	any

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2307293>



**cULus Listed**

Approval ID: E140324



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## Classifications

### ECLASS

ECLASS-13.0	27371601
ECLASS-15.0	27371601

### ETIM

ETIM 10.0	EC001437
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### UNSPSC

UNSPSC 21.0	39122300
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## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	7(a), 7(c)-I

### China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	aa1417bb-0992-4654-9123-0b59bbdc1617

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