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

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

Technical data

Product properties

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

Insulation characteristics: Air clearances and creepage distances

Insulation	Safe isolation, reinforced insulation (divider 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

Electrical properties

Maximum power dissipation for nominal condition	0.4 W

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 (Divider 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

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 mm² ... 2.5 mm²
Conductor cross-section flexible	0.14 mm² ... 2.5 mm²
	0.2 mm² ... 2.5 mm² (Single ferrule)
	2x 0.5 mm² ... 1.5 mm² (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

Standards/regulations	DIN EN 50178

Mounting

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

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

UNSPSC

UNSPSC 21.0	39122300

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

EF3.1 Climate Change

CO2e kg	1.913 kg CO2e

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