Single relay - REL-IR/LDP- 48DC/2X21 - 2834038

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The figure shows version: REL-IR/ LDP- 24DC/2X21

Pluggable industrial relays with power contacts, 2 PDT, test button, status LED, free-wheeling diode, mechanical switch position indicator, polarity A1+, A2-, input voltage 48 V DC

RoHS

Key Commercial Data

Packing unit	1 STK
Minimum order quantity	10 STK
GTIN	4 017918 941635
GTIN	4017918941635
Weight per Piece (excluding packing)	38.500 g
Custom tariff number	85364190
Country of origin	Japan

Technical data

Dimensions

Width	21.5 mm
Height	28 mm
Depth	36 mm

Ambient conditions

Ambient temperature (operation)	-55 °C ... 70 °C
Ambient temperature (storage/transport)	-55 °C ... 70 °C

Coil side

Nominal input voltage U_N	48 V DC

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Coil side

Typical input current at U_N	19 mA
Typical response time	13 ms
Typical release time	5 ms
Coil resistance	2560 Ω ±15 % (at 20 °C)
Power dissipation for nominal condition	0.91 W

Contact side

Contact type	2 PDT
Type of switch contact	Single contact
Contact material	Ag
Maximum switching voltage	250 V AC/DC
Minimum switching voltage	5 V
Min. switching current	1 mA
Maximum inrush current	20 A (15 ms)
Limiting continuous current	10 A
Interrupting rating (ohmic load) max.	2500 VA (for 250 V AC)

General

Test voltage relay winding/relay contact	2 kV AC (50 Hz, 1 min.)
Test voltage relay contact/relay contact	2 kV AC (50 Hz, 1 min.)
Operating mode	100% operating factor
Mechanical service life	5×10^7 cycles
Mounting position	any
Assembly instructions	On relay base PR2

Connection data input side

Connection name	Coil side
Connection method	Plug / solder connection

Connection data output side

Connection name	Contact side
Connection method	Plug / solder connection

Standards and Regulations

Standards/regulations	DIN EN 61810-1
	VDE 0435-201
	EN 50178
Degree of pollution	2
Overvoltage category	II

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Technical data

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Approvals

Approvals

Approvals

UL Listed / VDE Gutachten mit Fertigungsüberwachung / cUL Listed / EAC / EAC / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 172140
VDE Gutachten mit Fertigungsüberwachung		http://www.vde.com/en/Institute/OnlineService/VDE-approved-products/Pages/Online-Search.aspx	40026798
cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 172140
EAC			EAC-Zulassung
EAC			RU C-DE.A*30.B.01082

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Approvals

cULus Listed	

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