

Product data sheet

Specifications



DPDT PCB Plug-in relay & Socket 24 VDC Coil

RSB2SOC24D

⚠ Discontinued on: Dec 2, 2020

⚠ End-of-service on: Dec 31, 2020

⚠ Discontinued

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Range of Product	Harmony Relay
Series name	Slim interface relay
Product or Component Type	Kit case
Device short name	RSB
Contacts type and composition	2 C/O
Contact operation	Standard
Status LED	Without
Control Type	Without push-button
[Ithe] conventional enclosed thermal current	8 A -40...104 °F (-40...40 °C)

Complementary

Kit composition	Mounting accessory Plug-in relay Protection module Marking accessory Socket-outlet
Average resistance	1440 Ohm AC 20 °C +/- 10 %
[Ue] rated operational voltage	16.8...36 V DC
[Uimp] rated impulse withstand voltage	3.6 kV IEC 61000-4-5
[Ie] rated operational current	4 A AC-1/DC-1) NC IEC 8 A AC-1/DC-1) NO IEC
[Ui] rated insulation voltage	400 V EN/IEC 60947
Maximum switching voltage	250 V DC IEC
Drop-out voltage threshold	>= 0.1 Uc DC
Load current	8 A 250 V AC 8 A 28 V DC
minimum switching current	100 mA
Maximum switching capacity	2000 VA/224 W
minimum switching voltage	5 V
Minimum switching capacity	500 mW 100 mA, 5 V
Operating time	20 ms operating 20 ms reset
Mechanical durability	30000000 cycles

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Electrical durability	100000 cycles, 8 A at 250 V, AC-1 NO 100000 cycles, 4 A at 250 V, AC-1 NC
Safety reliability data	B10d = 10000000
Operating rate	<= 600 cycles/hour under load <= 18000 cycles/hour no-load
Average coil consumption	0.45 W DC
Protection category	RT I
Operating position	Any position
Device presentation	Complete product
Sale per indivisible quantity	10
Contacts material	Silver alloy (AgNi)
Shape of pin	Flat (PCB type)
Net Weight	0.031 lb(US) (0.014 kg)
Compatibility code	RSB

Environment

Dielectric strength	1000 V AC between contacts 2500 V AC between poles 5000 V AC between coil and contact
Vibration resistance	+/- 1 mm (f= 10...55 Hz) conforming to EN/IEC 60068-2-6
IP degree of protection	IP40 conforming to EN/IEC 60529
Ambient air temperature for operation	-40...185 °F (-40...85 °C) DC)
Standards	EN/IEC 61810-1 CSA C22.2 No 14 UL 508
Product Certifications	CSA EAC UL
Marking	CE
Ambient Air Temperature for Storage	-40...185 °F (-40...85 °C)
Shock resistance	10 gn 11 ms) not operating EN/IEC 60068-2-27 5 gn 11 ms) in operation EN/IEC 60068-2-27

Ordering and shipping details

Category	US1IPOP22750
Discount Schedule	IPOP
GTIN	00785901659310
Returnability	Yes

Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained](#) >

[How we assess product sustainability](#) >

Use Better

Materials and Substances	
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)
California proposition 65	WARNING: This product can expose you to chemicals including: Nickel compounds, which is known to the State of California to cause cancer, and Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Use Longer

Lifetime extension	
Repair	No