

S-DIAS Relay Output Module RO 041



with 4 relay outputs

The S-DIAS RO 041 relay output module has four relay outputs, each with normally open contacts for 230 V/6 A AC or 24 V/6 A DC.

Relay Outputs Specifications

Number	4	
Contact	normally open	
Relay type	V23061-A1007-A302	
Nominal voltage	24 V DC	230 V AC
Switching voltage	maximum 30 V	maximum 250 V AC
Maximum continuous current /channel	maximum 6 A DC	maximum 6 A AC
Simultaneity of all outputs	100 %	
Maximum continuous current per connector plug contact allowed	10 A DC	10 A AC
Turn-on delay	≤ 10 ms	
Turn-off delay	≤ 10 ms	

Electrical Requirements

Voltage supply from S-DIAS bus	+5 V	
Current consumption on the S-DIAS bus (+5 V supply)	typically 35 mA	maximum 40 mA
Voltage supply from S-DIAS bus	+24 V	
Current consumption on the S-DIAS bus (+24 V supply) (all relays active)	typically 37 mA at +18 V typically 50 mA at +24 V typically 62 mA at +30 V	maximum 44 mA at +18 V maximum 58 mA at +24 V maximum 73 mA at +30 V

Article Number and Miscellaneous

Article number	20-064-041	
Dimensions	25 x 104.2 x 72 mm (W x H x D)	
Standard	UL 508 (E247993)	
Approvals	UL, cUL, CE	

Environmental Conditions

Storage temperature	-40 ... +85 °C	
Environmental temperature	-25 ... +60 °C	
Humidity	0-95 %, non-condensing	
Operating conditions	pollution degree 2 altitude up to 2000 m	
EMC resistance	in accordance with EN 61000-6-2 (industrial area)	
EMC noise generation	in accordance with EN 61000-6-4 (industrial area)	
Vibration resistance	EN 60068-2-6	3,5 mm von 5 Hz-8,4 Hz 1 g von 8,4 Hz-150 Hz
Shock resistance	EN 60068-2-27	15 g
Protection type	EN 60529	IP20