

S-DIAS Relay Output Module

RO 051



with 5 relay outputs

The S-DIAS RO 051 relay output module has five relay outputs, each with change over contacts for 115 V/6 A AC or 24 V/6 A DC.

Relay Outputs Specifications

Number	5	
Contact	change over	
Relay type	V23061-B1007-A301	
Nominal voltage	24 V DC	115 V AC
Switching voltage	maximum 30 V	maximum 125 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	6 A DC	6 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)	typically 46 mA at +18 V typically 62 mA at +24 V typically 77 mA at +30 V	maximum 54 mA at +18 V maximum 72 mA at +24 V maximum 91 mA at +30 V
(all relays active)		

Article Number and Miscellaneous

Article number	20-064-051	
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