SRBEM41

Safe outputs expansion module SRB… series, 4NO+1NC, auxiliary supply 24VAC/DC



Product designation		SRB
Product type designation		Safe outputs expantion module
General characteristics		
Functions		Expansion module
Auxiliary supply		
Nominal auxiliary voltage supply		24VAC/DC
Operating range	V	22...26VDC / 20.4...27.6VAC
Frequency range	Hz	50/60
Overvoltage category		III
Insulation voltage	kV	4
Protections		Short circuit with PTC
Input characteristics		
Number of inputs	Nr.	2
Resistance input circuit	kΩ	Max 1
Input current	mA	Typical 5
Input voltage		0-35VDC
Output characteristics		
Number of safe outputs NO	Nr.	4
Number of safe outputs NC	Nr.	0
Number of feedback outputs	Nr.	1NC
Output type		Voltage free contacts, relays with forcibly guided contacts
Output contacts ratings		AC1 250V: 6A-2000VA AC15 230V: 3A DC1 24V: 6A DC13 24V: 2.5A
UL 508 ratings		Pilot duty: B300-R300
Mechanical life	cycles	$>10^7$
Electrical life AC1 at 360 commutations/h	cycles	10^5
Safety parameters		
ISO 13849-1 security category		Cat. 4
ISO 13849-1 performance level		PLe
Mechanical features		
Cable connection		Removable screw terminal
Fixing		35mm DIN rail
Weight	g	239
Ambient conditions		

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding

Protection degree				IP40 on front IP20 on terminals
Pollution degree				2
Temperature				
	Operating temperature			
		min	°C	-25
		max	°C	+60
	Storage temperature			
		min	°C	-30
		max	°C	+70
Relative humidity			%	≤95

Certifications and compliance

Compliance				
	EN/BS 13849-1			
Certifications and compliance				
	cULus			
	TUV			

ETIM classification

ETIM 8.0	EC001449 - Device for monitoring of safety-related circuits

The characteristics described in this document are subject to updates or modifications at any time. The descriptions, technical and functional information, illustrations and instructions in this brochure are purely illustrative, and are consequently not contractually binding