

SIEMENS

Product data sheet

3TK2828-1BB40


Abb. ähnlich / similar picture

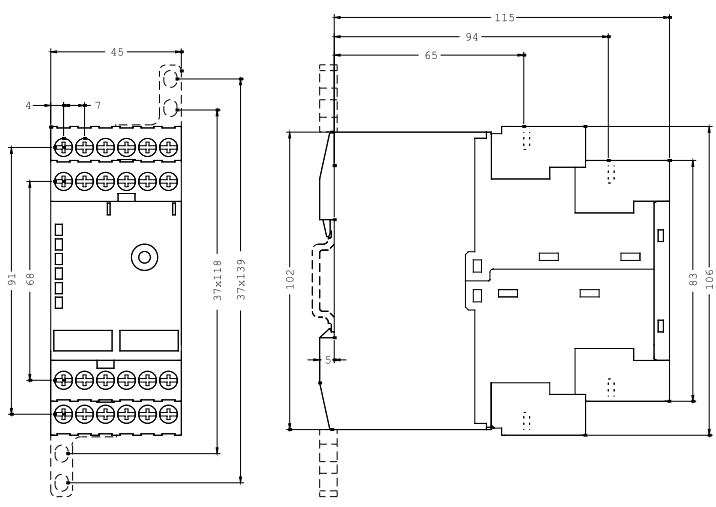
SIRIUS SAFETY RELAY WITH RELAY RELEASE CIRCUITS (FK),
 24V DC, 45.0MM, SCREW TERMINAL,
 FK INSTANT.: 2S,
 FK DELAYED: 2S 0.5...30S, MK: 1OE,
 AUTOSTART, BASIC UNIT, MAX. CATEGORY: 4

General technical details:

Product designation	safety relays
Design of the product	for EMERGENCY-STOP units
Type of voltage	
• of the operating voltage	AC/DC
• of the controlled supply voltage	DC
Operating voltage	
• 1 / for AC / rated value	230 V
• 1 / for DC	24 V
• 2 / for DC / rated value	115 V
• 3 / for DC / rated value	230 V
Control supply voltage	
• for DC / rated value / minimum	24 V
• for DC / rated value / maximum	24 V
Number of outputs	
• as contact-less semiconductor switching element	
• fail-safe / non-delayed	0
• fail-safe / delayed switching	0
• for reporting function / non-delayed	0

• for reporting function / delayed switching	0
• as contact-affected switching element	
• fail-safe / non-delayed	2
• fail-safe / delayed switching	2
• for reporting function / non-delayed	1
• for reporting function / delayed switching	0
Breaking capacity current	
• at AC-15 / at 230 V	5 A
• at DC-13 / at 24 V	5 A
• at DC-13 / at 115 V	0.2 A
• at DC-13 / at 230 V	0.1 A
Product feature / transverse contact-secure	Yes
Mechanical design:	
Type of the safety-related wiring / of the inputs	single-channel and two-channel
Design of the electrical connection	screw-type terminals
• Jumper socket	Yes
Design of the input	
• Start-up entrance	Yes
• Reducing-entrance	Yes
• Cascading-entrance/operation-even switching	No
Design of the cascading	none
Width	44.8 mm
Height	138.5 mm
Depth	120 mm
Product Function:	
Product function	Yes
Product function	No
Product function	Yes
Product function / Rotation speed monitoring	No
Product function / Standstill monitoring	No
Product function	Yes
Product function	No
Product function	No
Product function	No

Product function	No
Product function	No
Product function	No
Product function	No
Certificates/approvals:	
Safety Integrated Level / acc. to IEC 61508	none
Category / acc. to EN ISO 13849-1	4



last change:

10/31/2006

Technical Assistance:	Telephone:	+49 (0) 911-895-5900 (8°° - 17°° CET)
	Fax:	+49 (0) 911-895-5907
	E-Mail:	technical-assistance@siemens.com
	Internet:	www.siemens.de/lowvoltage/technical-assistance