SIEMENS

Data sheet

3RT1926-2EJ11



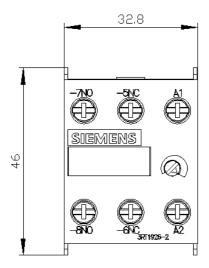
solid-state time-delayed front-side auxiliary switch Time range 0.05...1 s, 24 V AC/DC, 1 NO contact, 1 NC contact ON delay, for 3RT1

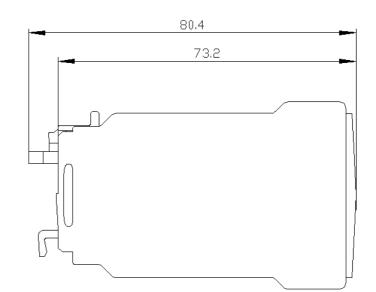
product brand name	SIRIUS
product designation	auxiliary switch
design of the product	slow-operating
product type designation	3RT19
General technical data	
size of contactor can be combined company-specific	S0 S12
product component semi-conductor output	No
product extension required remote control	No
product extension optional remote control	No
insulation voltage for overvoltage category III according to IEC 60664 with degree of pollution 3 rated value	300 V
degree of pollution	3
surge voltage resistance rated value	4 000 V
shock resistance acc. to IEC 60068-2-27	11g / 15 ms
vibration resistance acc. to IEC 60068-2-6	10 55 Hz: 0.35 mm
mechanical service life (switching cycles) typical	10 000 000
electrical endurance (switching cycles) at AC-15 at 230 V typical	50 000
_adjustable time	0.05 1 s
relative setting accuracy relating to full-scale value	15 %
recovery time	150 ms
reference code acc. to IEC 81346-2	К
relative repeat accuracy	1 %
Substance Prohibitance (Date)	01.07.2006 00:00:00
Product Function	_
product function star-delta circuit	No
Control circuit/ Control	
type of voltage of the control supply voltage	AC/DC
control supply voltage 1 at AC	
• at 50 Hz rated value	24 V
at 60 Hz rated value	24 V
control supply voltage frequency 1	50 60 Hz
control supply voltage 1	
at DC rated value	24 V
operating range factor control supply voltage rated value at DC	
initial value	0.85
full-scale value	1.1
operating range factor control supply voltage rated value at AC at 50 Hz	

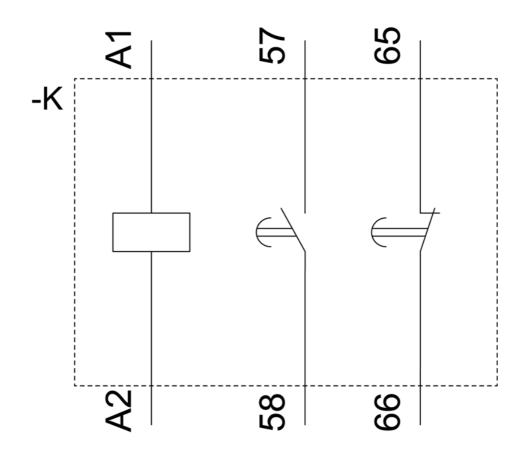
• full-scalar value 1.1 Operating range factor 1.1 • initial value 0.85 • initial value<	• initial value	0.85
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Auxiliary circuit number of NC contacts • delayed switching 1	design of the fuse link for short-circuit protection of the	fuse gL/gG: 4 A
number of NC contacts • delayed switching 1	Auxiliary circuit	
instantaneous contact	delayed switching	1
	 instantaneous contact 	0

number of NO contacts	
 delayed switching 	1
instantaneous contact	0
number of CO contacts	
 delayed switching 	0
instantaneous contact	0
operational current of auxiliary contacts at AC-15	
• maximum	3 A
operational current of auxiliary contacts as NC contact at AC-15	
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts as NO contact at AC-15	
• at 24 V	3 A
• at 250 V	3 A
operational current of auxiliary contacts at DC-13	
• at 24 V	1 A
• at 125 V	0.2 A
• at 250 V	0.1 A
Inputs/ Outputs	
product function	
 at the relay outputs switchover delayed/without delay 	No
non-volatile	No
Electromagnetic compatibility	
EMC immunity acc. to IEC 61812-1	EN 61000-6-2
conducted interference	
 due to burst acc. to IEC 61000-4-4 	2 kV network connection / 1 kV control connection
• due to conductor-earth surge acc. to IEC 61000-4-5	2 kV
• due to conductor-conductor surge acc. to IEC	1 kV
61000-4-5	
field-based interference acc. to IEC 61000-4-3	10 V/m
electrostatic discharge acc. to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Safety related data	
protection class IP on the front acc. to IEC 60529	IP20
type of insulation	Basic insulation
category acc. to EN 954-1	none
Connections/ Terminals	
product component removable terminal for auxiliary and control circuit	No
type of electrical connection for auxiliary and control circuit	screw-type terminals
type of connectable conductor cross-sections	
• solid	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
 finely stranded with core end processing 	1x (0.5 2.5 mm ²), 2x (0.5 1.5 mm ²)
at AWG cables solid	2x (20 14)
 at AWG cables stranded 	2x (20 14)
connectable conductor cross-section	
• solid	0.5 4 m²
 finely stranded with core end processing 	0.5 2.5 m ²
AWG number as coded connectable conductor cross section	
• solid	18 14
• stranded	18 14
Installation/ mounting/ dimensions	
mounting position	any
fastening method	clip-on
height	46 mm
height width	46 mm 33 mm
width	33 mm

 with side-by-sic 					
f - more and -	ie mounting		0		
— forwards			0 m		
— backwards	5		0 m		
— upwards			0 m		
— downward			0 m		
— at the side			0 m		
 for grounded particular 	arts				
— forwards			0 m		
— backwards	S		0 m		
— upwards			0 m		
— at the side	9		0 m		
- downward	s		0 m		
 for live parts 					
— forwards			0 m		
— backwards	S		0 m		
— upwards			0 m		
- downward	ls		0 m		
— at the side	9		0 m		
Ambient conditions					
	height above sea level	maximum	2 000 m		
ambient temperatur					
 during operatio 			-25 +60 °C		
during storage			-40 +85 °C		
during storage during transpor	+		-40 +85 °C		
relative humidity durir			15 95 %		
-		_	15 95 %		
Certificates/ approval	15				
General Product Ap	oproval			EMC	Declaration of Conformity
(SP)	(m)	(ŲL)	FHI	<i>κ</i> λ	66
C24	ccc	UL	LIIL	RCM	EG-Konf.
Declaration of Conformity	ccc Test Certificates	UL	LIIL Marine / Shipping	RCM	EG-Konf.
		Special Test Cer ate		RCM	EG-Konf.
Conformity	Test Certificates			RCM	EG-Konf.
Conformity Miscellaneous	Test Certificates	ate	rtific- ABS	RCM	EG-Konf.
Conformity <u>Miscellaneous</u> <u>Marine / Shipping</u> <u>Marine / Shipping</u> <u>Conformation - and Done </u>	Test Certificates Type Test Certificates Type Test Certificates Type Test Certificates Test Report	ate other <u>Confirmation</u> gs, Brochures, /Catalog/product? (CAXorder/default Characteristics, F	tific: Miscellaneous Miscellaneous) mlfb=3RT1926-2EJ11 .aspx?lang=en&mlfb=3RT1 FAQs,)	Special Test Certific- ate	EG-Konf.







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