



SOLID-STATE TIME-DELAY AUXILIARY SWITCH,
OFF-DELAY WITHOUT AUXILIARY VOLTAGE RELAY
1 NC + 1 NO 24...240V AC/DC TIME RANGE
0.05...100S FOR SNAPPING ONTO THE FRONT; FOR
3RT2 S00-S2 CONTACTORS SPRING-TYPE
TERMINALS INTEGRATED VARISTOR FOR
DAMPING CONTACTOR COILS

General technical data:

product brand name		SIRIUS
Size of contactor can be combined company-specific		S00, S0, S2
Protection class IP of the terminal		IP20
Degree of pollution		3
Installation altitude at height above sea level maximum	m	2 000
Ambient temperature		
• during storage	°C	-40 ... +85
• during operation	°C	-25 ... +60
• during transport	°C	-40 ... +85
Conducted interference due to burst acc. to IEC 61000-4-4		2 kV network connection / 1 kV control connection
Conducted interference due to conductor-earth surge acc. to IEC 61000-4-5		2 kV
Conducted interference due to conductor-conductor surge acc. to IEC 61000-4-5		1 kV
Electrostatic discharge acc. to IEC 61000-4-2		8 kV
Field-bound parasitic coupling acc. to IEC 61000-4-3		10 V/m
Surge voltage resistance Rated value	kV	4

Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750		K
Equipment marking acc. to DIN EN 61346-2		K
Adjustable time	s	0.05 ... 100
Switching function <ul style="list-style-type: none"> • ON-delay • passing make contact • fixed clock cycle beginning with pulse • fixed clock cycle beginning with interval • OFF delay • variably clocked start with impulse • variably clocked start with interval 		No No No No Yes No No
Switching function <ul style="list-style-type: none"> • with control signal <ul style="list-style-type: none"> — additive ON delay — passing break contact — OFF delay — pulse-shaping 		No No No No
Product component semi-conductor output		No
Product expansion <ul style="list-style-type: none"> • optional remote control • required remote control 		No No
Product function <ul style="list-style-type: none"> • star-delta circuit • at the relay outputs Switchover delayed/without delay 		No No

Control circuit/ Control:

Design of the surge suppressor		with varistor
Type of voltage of the control supply voltage		AC/DC
Control supply voltage frequency 1	Hz	50 ... 60
Control supply voltage 1 <ul style="list-style-type: none"> • at DC • at AC <ul style="list-style-type: none"> — at 50 Hz — at 60 Hz 	V V V	24 ... 240 24 ... 240 24 ... 240

Auxiliary circuit:

Operating current of the auxiliary contacts <ul style="list-style-type: none"> • at AC-15 at 250 V • at DC-13 <ul style="list-style-type: none"> — at 24 V — at 125 V 	A A A	3 1 0.2
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— at 250 V

A	0.1
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Installation/ mounting/ dimensions:






mounting position		any (like contactor)
Mounting type		clip-on
Width	mm	45
Height	mm	38
Depth	mm	74
Required spacing with side-by-side mounting		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• Backwards	mm	0
• at the side	mm	0
Required spacing for grounded parts		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• Backwards	mm	0
• at the side	mm	0
Required spacing for live parts		
• upwards	mm	0
• downwards	mm	0
• forwards	mm	0
• Backwards	mm	0
• at the side	mm	0


Connections/ Terminals:

Type of electrical connection for auxiliary and control current circuit		spring-loaded terminals
Product function removable terminal for auxiliary and control circuit		Yes

Certificates/ approvals:

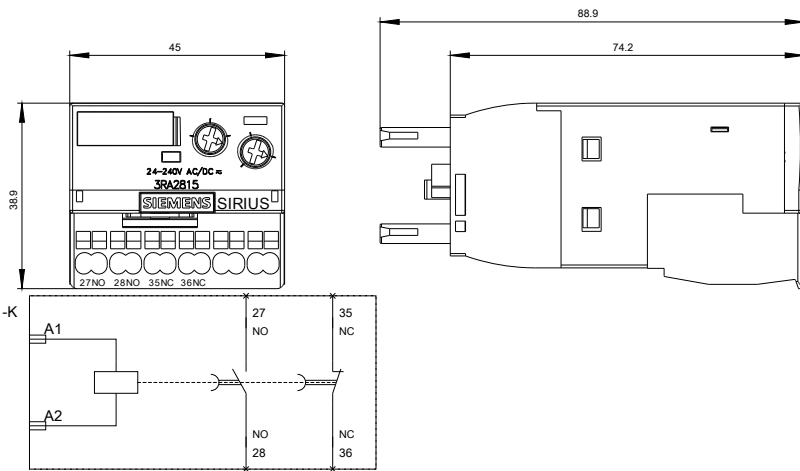
General Product Approval				Declaration of Conformity	Test Certificates
 CCC	 CSA	 UL		 EG-Konf.	Typprüfbescheinigung/Werkszeugnis

Test Certificates	Shipping Approval				
spezielle Prüfbescheinigung n	 ABS	 BUREAU VERITAS	 DNV	 GL	 LRS

Shipping Approval	other
 RMRS	Umweltbestätigung

UL/CSA ratings:	
Contact rating of the auxiliary contacts acc. to UL	B300 / R300

Further information
Information- and Downloadcenter (Catalogs, Brochures,...) http://www.siemens.com/industrial-controls/catalogs
Industry Mall (Online ordering system) http://www.siemens.com/industrymall
Cax online generator http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RA28152FW10
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3RA28152FW10
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RA28152FW10&lang=en



last modified:

20.07.2015