SIEMENS

Data sheet 3RT1926-2FL21



solid-state time-delayed front-side auxiliary switch Time range 0.5...10 s, 200 ... 240 V AC / DC, 1 NO contact, 1 NC contact OFF delay, without control signal for 3RT1

product brand name	SIRIUS	
product designation	auxiliary switch	
design of the product	With OFF-delay	
product type designation	3RT19	
General technical data		
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 according to IEC 60068-2-27	11g / 15 ms	
vibration resistance according to IEC 60068-2-6	10 55 Hz: 0.35 mm	
mechanical service life (operating cycles) typical	10 000 000	
electrical endurance (operating cycles) at AC-15 at 230 V typical	100 000	
adjustable time	0.5 10 s	
relative setting accuracy relating to full-scale value	15 %	
minimum ON period	200 ms	
recovery time	150 ms	
reference code according to IEC 81346-2	K	
relative repeat accuracy	1 %	
Substance Prohibitance (Date)	07/01/2006	
SVHC substance name	Blei - 7439-92-1 Bleimonoxid (Bleioxid) - 1317-36-8 2,2',6,6'-Tetrabrom-4,4'-isopropylidendi - 79-94-7	
Product Function		
product function star-delta circuit	No	
Control circuit/ Control		
type of voltage of the control supply voltage	AC	
control supply voltage 1 at AC		
● at 50 Hz	200 240 V	
● at 60 Hz	200 240 V	
control supply voltage frequency 1	50 60 Hz	
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		
• initial value	0.85	

# this-day value providing function which value # initial val	e full coale value	11
* Initial value * Initial valu	• full-scale value	1.1
• Interest value • Authoriting Function awitching function • ON delay instantaneous contact • ON delay instantaneous contact • Sassing make contact/invariantaneous contact • passing make contact/invariantaneous contact • Possing make contact/invariantaneous contact • Service delay • OFF delay • Very delay • Very delay • Insafring symmetrically with interval start functions and invariant and the start functions of the start fu		
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e passing make contact/instantaneous contact OFF delay switching function • flashing symmetrically with interval start instantaneous • flashing symmetrically with pulse start • flashing symmetrically with pulse start • flashing asymmetrically with pulse start • constant clock cycle with pulse start • constant clock cycle with pulse start • constant clock cycle with pulse start • variably clocked with interval start * variably clocked with interval start * No * switching function • start-delta circuit vith delay time • start-delta circuit vith delay time • start-delta circuit vith delay time • astart-delta circuit vith class vith pulse contact • passing break contact • passing break contact • passing break contact • pulse shapping • No • OFF delay/materiananeous • outset shapping • No • pulse delayed delayed • pulse shapping • No • OFF-delay/instantaneous • pulse shapping • No • OFF-delay/instantaneous • pulse shapping • No • OFF-delay/instantaneous • outset-grident shapping-stantaneous contact • retrologigarshle with switched-on-control signal • retrologigarshle with sw	•	
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number of NC contacts • delayed switching 1 • instantaneous contact 0 number of NO contacts • delayed switching 1 • instantaneous contact 0	switch required	1000 galgo. TA
 delayed switching instantaneous contact number of NO contacts delayed switching instantaneous contact 0 	Auxiliary circuit	
 instantaneous contact number of NO contacts delayed switching instantaneous contact 0 	number of NC contacts	
number of NO contacts • delayed switching 1 • instantaneous contact 0	delayed switching	1
 delayed switching instantaneous contact 0 	• instantaneous contact	0
• instantaneous contact 0	number of NO contacts	
	delayed switching	1
number of CO contacts	• 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 according to IEC 61812-1	EN 61000-6-2
conducted interference	
due to burst according to IEC 61000-4-4	2 kV network connection / 1 kV control connection
due to conductor-earth surge according to IEC 61000-4-5	2 kV
due to conductor-conductor surge according to IEC	1 kV
61000-4-5	
field-based interference according to IEC 61000-4-3	10 V/m
electrostatic discharge according to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Safety related data	
protection class IP on the front according to IEC 60529	IP20
type of insulation	Basic insulation
category according 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 mm²), 2x (0.5 1.5 mm²)
• for AWG cables solid	2x (20 14)
• for 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 m²
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
width	33 mm
depth	73 mm
required spacing	
with side-by-side mounting	0
— forwards	0 m
— backwards	0 m
— upwards	
•	0 m
— downwards	0 m 0 m
downwardsat the side	

for grounded parts		
— forwards	0 m	
— backwards	0 m	
— upwards	0 m	
— at the side	0 m	
— downwards	0 m	
for live parts		
— forwards	0 m	
— backwards	0 m	
— upwards	0 m	
— downwards	0 m	
— at the side	0 m	
Ambient conditions		
installation altitude at height above sea level maximum	2 000 m	
ambient temperature		
during operation	-25 +60 °C	
during storage	-40 +85 °C	
during transport	-40 +85 °C	
relative humidity during operation	15 95 %	
Certificates/ approvals		
relative humidity during operation		

(1)

General Product Approval



Confirmation







EMC

Declaration of Conformity

Test Certificates

Marine / Shipping





Special Test Certificate

Type Test Certificates/Test Report





Marine / Shipping

other

Railway





Confirmation

Miscellaneous

Special Test Certificate

Further information

Siemens has decided to exit the Russian market (see here).

https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

Information on the packaging

https://support.industry.siemens.com/cs/ww/en/view/109813875

Information- and Downloadcenter (Catalogs, Brochures,...)

https://www.siemens.com/ic10

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1926-2FL21

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1926-2FL21

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

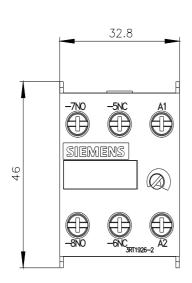
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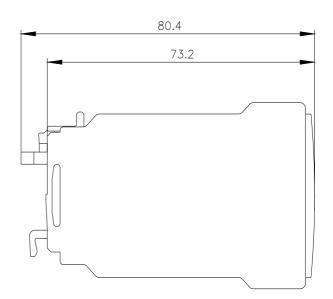
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

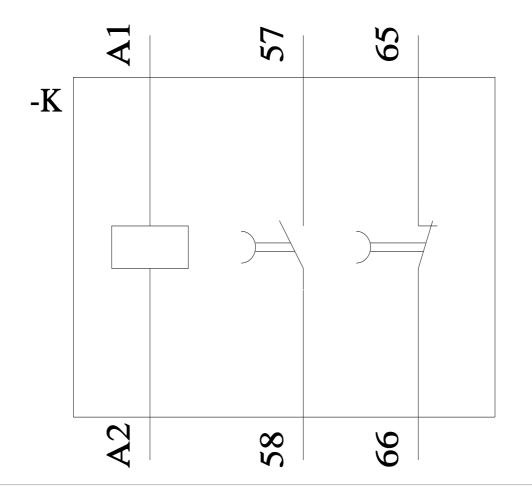
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1926-2FL21&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RT1926-2FL21/manual







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