SIEMENS

Data sheet 3RT1926-2FL11



solid-state time-delayed front-side auxiliary switch Time range 0.05...1 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	0.05 1 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	К
relative repeat accuracy	1 %
Substance Prohibitance (Date)	07/01/2006
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
full-scale value	1.1
operating range factor control supply voltage rated value at AC at 60 Hz	

• initial value	0.85
• full-scale value	1.1
Switching Function	
switching function	
ON-delay	No
ON-delay/instantaneous contact	No
passing make contact	No
passing make contact/instantaneous contact	No
OFF delay	Yes
switching function	
 flashing symmetrically with interval start/instantaneous 	No
 flashing symmetrically with interval start 	No
 flashing symmetrically with pulse start/instantaneous 	No
flashing symmetrically with pulse start	No
flashing asymmetrically with interval start	No
flashing asymmetrically with pulse start	No
switching function	
constant clock cycle with pulse start	No
constant clock cycle with interval start	No
switching function	
variably clocked with pulse start	No
variably clocked with interval start	No
switching function	140
star-delta circuit with delay time	No
star-delta circuit star-delta circuit	No
switching function with control signal	NO TO THE PART OF
additive ON-delay	No
•	No
passing break contact	
passing break contact/instantaneous	No No
OFF delay	No
OFF delay/instantaneous	No
pulse delayed	No
pulse delayed/instantaneous	No
• pulse-shaping	No
• pulse-shaping/instantaneous	No
additive ON-delay/instantaneous	No
ON-delay/OFF-delay	No
ON-delay/OFF-delay/instantaneous	No
passing make contact	No
passing make contact/instantaneous contact	No
switching function of interval relay with control signal	
 retrotriggerable with deactivated control signal/instantaneous contact 	No
retrotriggerable with switched-on control signal	No
retrotriggerable with switched-on control	No
signal/instantaneous contact	
retriggerable with deactivated control signal	No
design of the control terminal non-floating	No
Short-circuit protection	
design of the fuse link for short-circuit protection of the auxiliary switch required	fuse gL/gG: 4 A
Auxiliary circuit	
number of NC contacts	
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	EN 04000 0 0			
EMC immunity according to IEC 61812-1	EN 61000-6-2			
conducted interference	2 kV natural connection / 1 kV control connection			
due to burst according to IEC 61000-4-4 due to conductor earth surge according to IEC 61000 4.5.	2 kV network connection / 1 kV control connection 2 kV			
due to conductor-earth surge according to IEC 61000-4-5 due to conductor-conductor surge according to IEC	1 kV			
 due to conductor-conductor surge according to IEC 61000-4-5 	1 AV			
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				
and the second s	0.5 4 m ²			
finely stranded with core end processing	0.5 4 m² 0.5 2.5 m²			
finely stranded with core end processing AWG number as coded connectable conductor cross section				
AWG number as coded connectable conductor cross				
AWG number as coded connectable conductor cross section	0.5 2.5 m² 18 14			
AWG number as coded connectable conductor cross section • solid	0.5 2.5 m²			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions	0.5 2.5 m ² 18 14 18 14			
AWG number as coded connectable conductor cross section • solid • stranded	0.5 2.5 m² 18 14			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position	0.5 2.5 m ² 18 14 18 14 any			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method	0.5 2.5 m ² 18 14 18 14 any clip-on			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height	0.5 2.5 m ² 18 14 18 14 any clip-on 46 mm			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width	0.5 2.5 m ² 18 14 18 14 any clip-on 46 mm 33 mm			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth	0.5 2.5 m ² 18 14 18 14 any clip-on 46 mm 33 mm			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing	0.5 2.5 m ² 18 14 18 14 any clip-on 46 mm 33 mm			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting	0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm 73 mm			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards	0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm 73 mm			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards	0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm 73 mm 0 m			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards	0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm 73 mm 0 m 0 m			
AWG number as coded connectable conductor cross section • solid • stranded Installation/ mounting/ dimensions mounting position fastening method height width depth required spacing • with side-by-side mounting — forwards — backwards — upwards — downwards	0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm 73 mm 0 m 0 m 0 m 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	

General Product Approval

EMC





Confirmation







Declaration of Conformity

Test Certificates

Marine / Shipping





Special Test Certific-<u>ate</u>

Type Test Certificates/Test Report





Marine / Shipping

other

Railway





Confirmation

Miscellaneous

Special Test Certific-

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)

all.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT1926-2FL11

Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT1926-2FL11

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

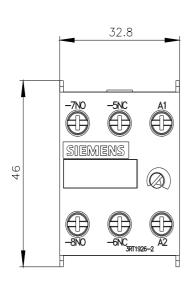
https://support.industry.siemens.com/cs/ww/en/ps/3RT1926-2FL11

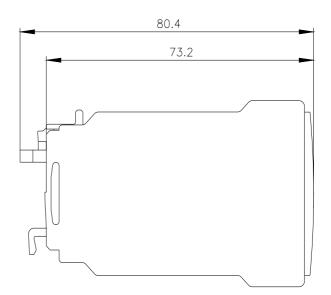
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

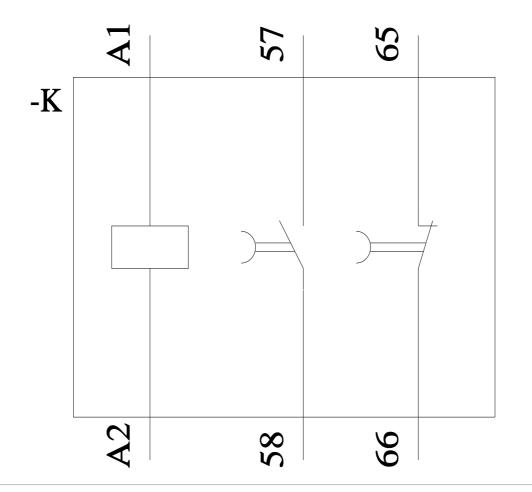
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1926-2FL11&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RT1926-2FL11/manual







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