SIEMENS

Data sheet 3RT1926-2ED11



solid-state time-delayed front-side auxiliary switch Time range 0.05...1 s, 200 ... 240 V AC, 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	100 000
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
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 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 • ON-delay/instantaneous contact • ON-delay/instantaneous contact • OFF delay • Dessing make contactivisalnataneous contact • OFF delay • Insahing symmetrically with interval start • Insahing symmetrically with interval start • Insahing symmetrically with pulse start/instantaneous • Insahing symmetrically with pulse start • Constant clock cycle with pulse start • Constant clock cycle with pulse start • Constant clock cycle with interval start • Variably clocked with interval start • Variably clocked with pulse start • Variably clocked with pulse start • Variably clocked with pulse start • Variably clocked with miterval start • Variably clocked with office start • Variably clocked with office start • Variably clocked with notrol signal • Variably clocked with office start • Variably clocked with interval start • Variably clocked with move start • Variably clocked with pulse start • Variably clocked with move start • Variably clocked with start start • Variably clocked with move start • Variably clocked with start • Variably clocked with start • Variably clocked with start • Variably cl	Switching Function	
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e passing make contact/instantaneous contact OFF delay switching function • Itashing symmetrically with interval start • Itashing symmetrically with pulse • Itashing symmetrically with pulse start • Itashing symmetrically symmetrically with pulse start • Itashing symmetrically symmetrically with pulse start • Itashing symmetrically sy	-	
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• flashing symmetrically with pulse start • constant clock cycle with pulse start • constant clock cycle with pulse start • constant clock cycle with pulse start • variably clocked with pulse start • star-delta circuit with delay time • star-delta circuit with delay time • star-delta circuit with delay time • star-delta circuit switching function • star-delta circuit switching function • star-delta circuit switching function • star-delta circuit o passing break contact • passing break contact • passing break contact • pulse delayed • OFF delay • pulse delayed • pulse delayed • pulse shaping • pulse shaping • pulse shaping instantaneous • pulse shaping instantaneous • pulse shaping instantaneous • ON-delay/OFF-delay • ON-delay/OFF-delay • ON-delay/OFF-delay • Pulse delayed • ON-delay/OFF-delay • No • pulse shaping instantaneous • pulse shaping instantaneous • on-on-delay-OFF-delay • ON-delay-OFF-delay • No • pulse shaping instantaneous • pulse shaping instantaneous • No		NO
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• variably clocked with interval start withing function • star-delta circuit with delay time • star-delta circuit • star-delta circuit • star-delta circuit • switching function with control signal • additive On-delay • passing break contact • passing break contact/instantaneous • OFF delay • OFF delay • OFF delay • OFF delay • pulse delayed • pulse delayed • pulse delayed No • pulse-shaping • pulse-shaping • pulse-shaping No • ON-delay/OFF-delay • ON-delay/OFF-delay • ON-delay/OFF-delay No • ON-delay/OFF-delay No • passing make contact • passing make contact • passing make contact • passing make contact • retrotriggerable with deactivated control signal • retrotrigerable with switched-on control signal/instantaneous contact • retrigate with wheeltwated control signal • retrotrigerable with feactivated control signal • retrigerable with feactivated control signal • retrotrigerable with feactivated control signal • retrigerable with feactivate	switching function	
switching function • star-delta circuit with delay time • star-delta circuit • additive ON-delay • passing break contact • passing break contact/instantaneous • OFF delay • OFF delay • pulse delayed • pulse delayed • pulse-shaping/instantaneous • on-delay/OFF-delay/instantaneous • oN-delay/OFF-delay/instantaneous • oN-delay/OFF-delay/instantaneous • pulse-shaping/instantaneous • pulse-shaping/instantaneous • oN-delay/OFF-delay/instantaneous • oN-delay/OFF-delay/instantaneous • oN-delay/OFF-delay No • ON-delay/OFF-delay No • oN-delay/OFF-delay No • passing make contact • passing make contact • passing make contact • retrotriggerable with deactivated control signal • retrotriggerable with switched-on control signal/instantaneous contact • retrogerable with deactivated control signal • retrotrigyerable with switched-on control signal/instantaneous contact • retrotrigyerable with switched-on c	 variably clocked with pulse start 	No
star-delta circuit with delay time star-delta circuit swetching function with control signal - additive ON-delay - passing break contact - passing break contact / No - passing break contact / No - passing break contact / No - OFF delay - pulse delayed - pulse delayed - pulse delayed - pulse-shaping - pulse-shaping - pulse-shaping/instantaneous - oN-delay/OFF-delay - pulse-shaping/instantaneous - oN-delay/OFF-delay - No - ON-delay/OFF-delay - No - ON-delay/OFF-delay - passing make contact - passing make contact - passing make contact - retortiggerable with deactivated control signal - retrotriggerable with switched-on control signal - retrotriggerable with switched-on control signal - retrotriggerable with switched-on control signal - retrotrigerable with switched-on control signal - retrotrigerable with switched-on control signal/instantaneous contact - retrigerable with sectivated control signal No Short-circuit protection 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 Auxiliary circuit - delayed switching - instantaneous contact - delayed switching	 variably clocked with interval start 	No
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ON-delay/OFF-delay ON-delay/OFF-delay/instantaneous Passing make contact passing make contact/instantaneous contact switching function of interval relay with control signal retrotriggerable with deactivated control signal/instantaneous contact retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal retrotriggerable with switched-on control signal/instantaneous contact retrotriggerable with switched-on control signal/instantaneous contact retriggerable with deactivated control signal retriggerable with fuse link for short-circuit protection retriggerable with fuse link for short-circuit protection of the fuse gL/gG: 4 A swilliary switch required Auxillary circuit number of NC contacts delayed switching instantaneous contact delayed switching delayed switching instantaneous contact delayed switching delayed switching instantaneous contact delayed switching	pulse-shaping/instantaneous	No
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design of the fuse link for short-circuit protection of the auxiliary switch required Auxiliary circuit number of NC contacts		NO .
auxiliary switch required Auxiliary circuit number of NC contacts		
Auxiliary circuit number of NC contacts		fuse gL/gG: 4 A
number of NC contacts		
 delayed switching instantaneous contact number of NO contacts delayed switching instantaneous contact number of CO contacts delayed switching 0 		
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number of NO contacts		
 delayed switching instantaneous contact number of CO contacts delayed switching 0 		U
● instantaneous contact 0 number of CO contacts 0 ● delayed switching 0		
number of CO contacts • delayed switching 0		
• delayed switching 0		0
• instantaneous contact 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	LIT 0 1000-0-2
	2 kV natural connection / 1 kV central connection
due to burst acc. to IEC 61000-4-4 due to conductor corth gurge acc. to IEC 61000 4.5	2 kV network connection / 1 kV control connection 2 kV
due to conductor-earth surge acc. to IEC 61000-4-5	
 due to conductor-conductor surge acc. to IEC 61000-4-5 	1 kV
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	4 KV Contact discharge / C KV all discharge
	IP20
protection class IP on the front acc. to IEC 60529	
type of insulation category acc. to EN 954-1	Basic insulation
	none
0	
Connections/ Terminals	
Connections/ Terminals product component removable terminal for auxiliary and control circuit	No
product component removable terminal for auxiliary and control circuit	
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit	No screw-type terminals
product component removable terminal for auxiliary and control circuit	screw-type terminals
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²)
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing	1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14)
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections • solid • finely stranded with core end processing • at AWG cables solid	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²)
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14)
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14)
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14)
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m²
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m²
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m²
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm 73 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm 73 mm
product component removable terminal for auxiliary and control circuit type of electrical connection for auxiliary and control circuit type of connectable conductor cross-sections	screw-type terminals 1x (0.5 4.0 mm²), 2x (0.5 2.5 mm²) 1x (0.5 2.5 mm²), 2x (0.5 1.5 mm²) 2x (20 14) 2x (20 14) 0.5 4 m² 0.5 2.5 m² 18 14 18 14 any clip-on 46 mm 33 mm 73 mm

 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	

15 ... 95 %

Certificates/ approvals

General Product Approval

relative humidity during operation

EMC

Declaration of Conformity











Miscellaneous

Declaration of Conformity

Test Certificates

Marine / Shipping



Type Test Certificates/Test Report

Special Test Certificate







Marine / Shipping

other

Railway





Confirmation

Miscellaneous

Special Test Certificate

Further information

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=3RT1926-2ED11

Cax online generator

 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT1926-2ED11}$

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

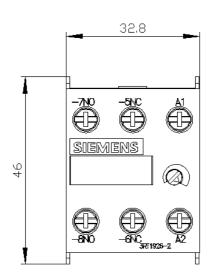
https://support.industry.siemens.com/cs/ww/en/ps/3RT1926-2ED11

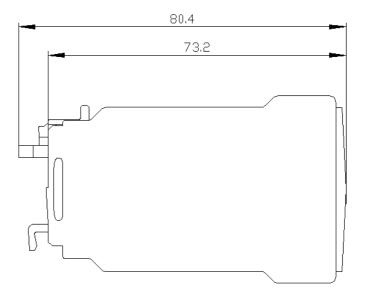
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

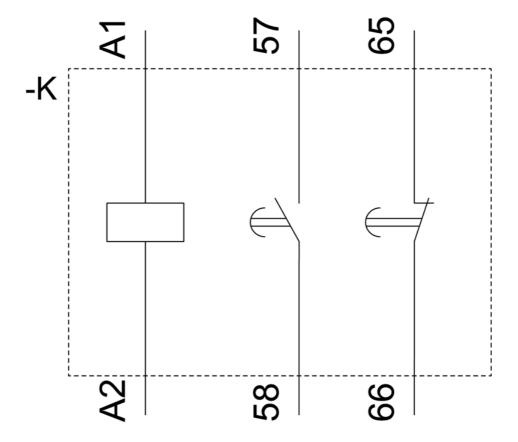
http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT1926-2ED11&lang=en

Characteristic: Derating

https://support.industry.siemens.com/cs/ww/en/ps/3RT1926-2ED11/manual







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