



pneumatically time-delayed auxiliary switch, ON-delay, 1-30 s, 1 NO + 1 NC, for mounting to contactors 3RT202

product brand name	SIRIUS
product category	Pneumatic delay blocks
product designation	pneumatic delay block
design of the product	slow-operating
product type designation	3RT29
General technical data	
certificate of suitability	CE / UL / CSA / CCC
size of contactor	S0
insulation voltage with degree of pollution 3 at AC rated value	690 V
protection class IP on the front	IP20
mechanical service life (operating cycles) typical	3 000 000
mechanical service life (operating cycles)	
• with 3RT2.2 contactor	3 000 000
electrical endurance (operating cycles) at AC-15 at 230 V typical	200 000
adjustable pickup delay time	1 ... 30 s
relative accuracy of the operating delay time/backslide delay time	10 %
active principle	pneumatic
Substance Prohibitance (Date)	10/01/2009
Net Weight	0.09 kg
Switching Function	
switching function	
• ON-delay	Yes
• OFF delay	No
number of NC contacts delayed switching	1
number of NO contacts delayed switching	1
operational current at AC-15	
• at 500 V rated value	2.5 A
• at 690 V rated value	1.5 A
operational current of auxiliary contacts at AC-14	
• at 230 V	6 A
• at 400 V	4 A
• at 500 V	2.5 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15	
• at 230 V	6 A
• at 400 V	4 A
operational current of auxiliary contacts at DC-13	
• at 24 V	4 A

• at 48 V	2 A
• at 110 V	0.7 A
• at 220 V	0.3 A
• at 440 V	0.15 A

Ambient conditions

ambient temperature	
• during operation	0 ... 60 °C
• during storage	-50 ... +80 °C

Electrical Safety

touch protection against electrical shock	finger-safe
---	-------------

Short-circuit protection

design of the fuse link for short-circuit protection of the auxiliary switch required	Fuse gG 10 A with short-circuit current $I_k = 1 \text{ kA}$ according to IEC 60947-5-1
---	---

Installation/ mounting/ dimensions

mounting position	any
fastening method	clip-on
height	45 mm
width	45 mm
depth	60 mm

Connections/ Terminals

type of electrical connection for auxiliary and control circuit	screw-type terminals
connectable conductor cross-section for auxiliary contacts	
• solid or stranded	0.5 ... 2.5 mm ²
• finely stranded with core end processing	0.5 ... 2.5 mm ²
type of connectable conductor cross-sections	
• for auxiliary contacts	
— solid	2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
— finely stranded with core end processing	2x (0.5 ... 1.5 mm ²), 2x (0.75 ... 2.5 mm ²)
• for AWG cables for auxiliary contacts	2x (18 ... 14), 2x (20 ... 16)
AWG number as coded connectable conductor cross-section for auxiliary contacts	20 ... 14

Approvals Certificates

Environment	General Product Approval
-------------	--------------------------

[Environmental Confirmations](#)



EMV

Maritime application

other



[Miscellaneous](#)



other

[Confirmation](#)

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3RT2927-2PA01>

Cax online generator

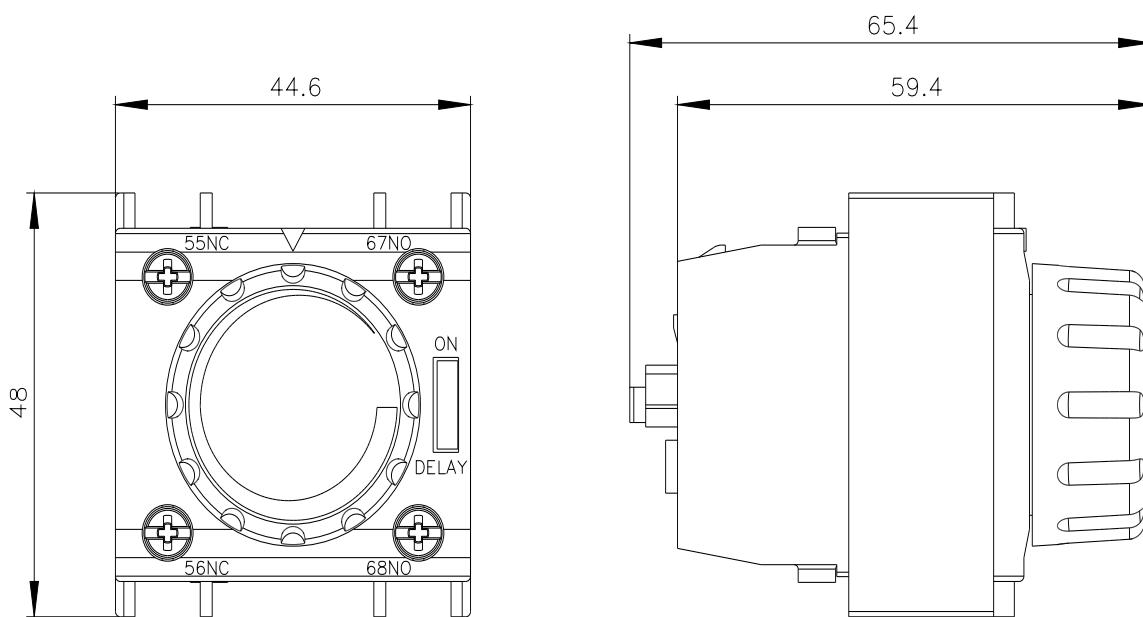
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2927-2PA01>

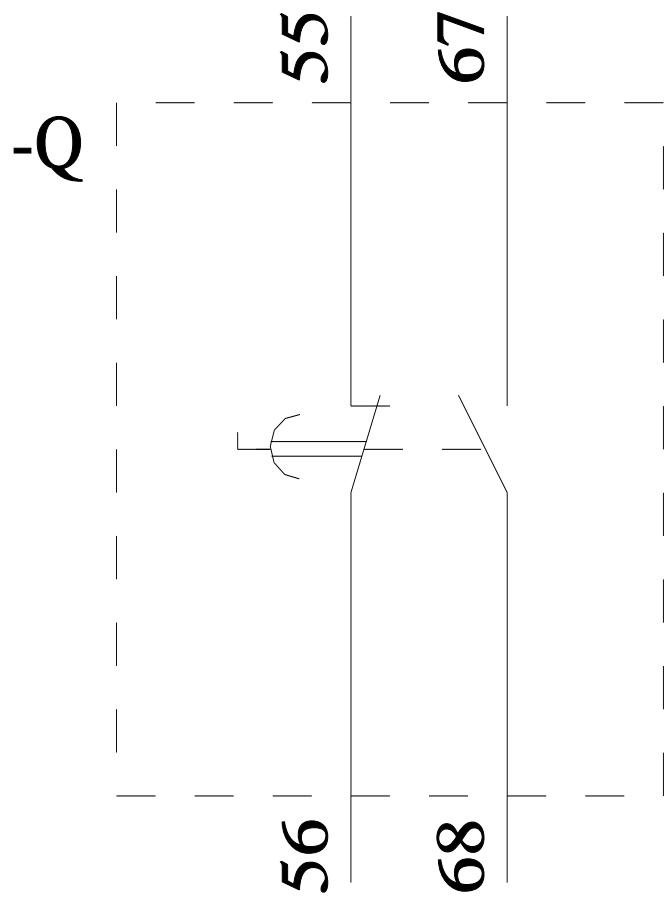
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RT2927-2PA01>

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

https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2927-2PA01&lang=en





last modified:

4/18/2025 