



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
<b>General technical data</b>	
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
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• 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
<b>Switching Function</b>	
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
- at 110 V
- at 220 V
- at 440 V

2 A  
0.7 A  
0.3 A  
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  $I_k = 1$  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<sup>2</sup>
- finely stranded with core end processing 0.5 ... 2.5 mm<sup>2</sup>

##### type of connectable conductor cross-sections

- for auxiliary contacts
  - solid 2x (0.5 ... 1.5 mm<sup>2</sup>), 2x (0.75 ... 2.5 mm<sup>2</sup>)
  - finely stranded with core end processing 2x (0.5 ... 1.5 mm<sup>2</sup>), 2x (0.75 ... 2.5 mm<sup>2</sup>)
- 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

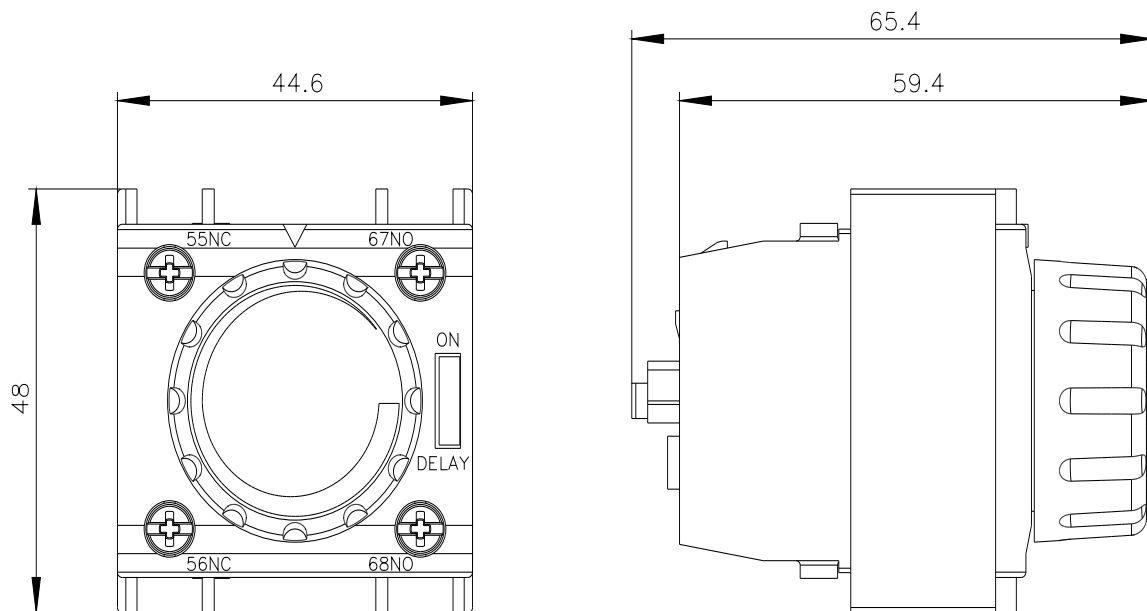
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2927-2PA01>

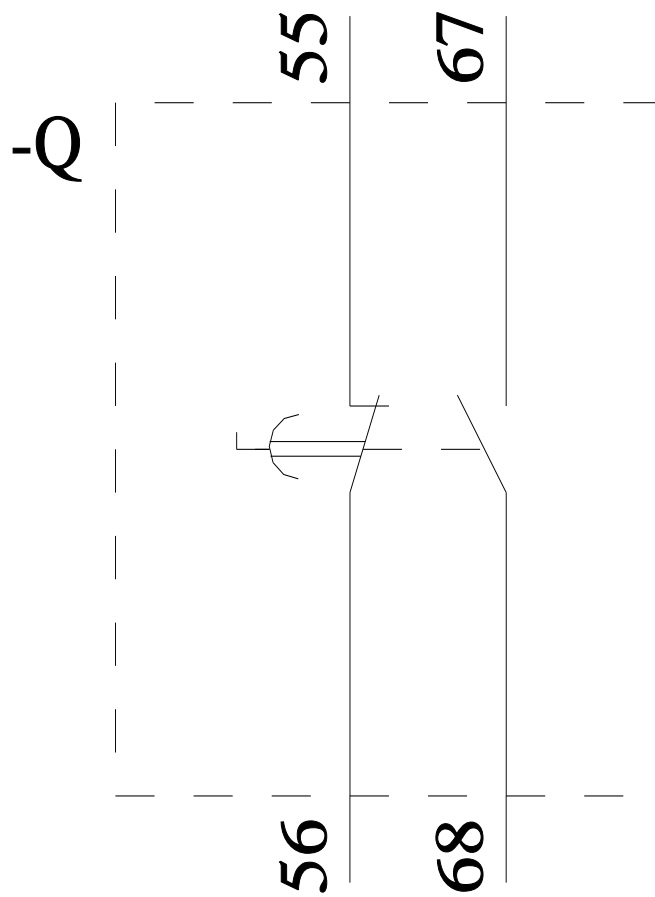
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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





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