













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

product brand name	SIRIUS
product designation	pneumatic delay block
design of the product	slow-operating
<b>General technical data</b>	
size of contactor	S0
insulation voltage with degree of pollution 3 at AC rated value	690 V
protection class IP on the front	IP20
switching function ON-delay	Yes
mechanical service life (operating cycles) typical	3 000 000
mechanical service life (operating cycles) <ul style="list-style-type: none"> <li>• with 3RT2.2 contactor</li> </ul>	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 %
certificate of suitability	CE / UL / CSA / CCC
Substance Prohibitance (Date)	10/01/2009
number of NC contacts delayed switching	1
number of NO contacts delayed switching	1
operational current at AC-15 <ul style="list-style-type: none"> <li>• at 500 V rated value</li> <li>• at 690 V rated value</li> </ul>	2.5 A 1.5 A
operational current of auxiliary contacts at AC-14 <ul style="list-style-type: none"> <li>• at 230 V</li> <li>• at 400 V</li> <li>• at 500 V</li> </ul>	6 A 4 A 2.5 A
operational current of auxiliary contacts at AC-12 maximum	10 A
operational current of auxiliary contacts at AC-15 <ul style="list-style-type: none"> <li>• at 230 V</li> <li>• at 400 V</li> </ul>	6 A 4 A
operational current of auxiliary contacts at DC-13 <ul style="list-style-type: none"> <li>• at 24 V</li> <li>• at 48 V</li> <li>• at 110 V</li> <li>• at 220 V</li> <li>• at 440 V</li> </ul>	4 A 2 A 0.7 A 0.3 A 0.15 A
<b>Ambient conditions</b>	
ambient temperature <ul style="list-style-type: none"> <li>• during operation</li> <li>• during storage</li> </ul>	0 ... 60 °C -50 ... +80 °C

Safety related data		
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 <sub>k</sub> = 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	
<b>connectable conductor cross-section for auxiliary contacts</b>		
<ul style="list-style-type: none"> <li>• solid or stranded</li> </ul>	0.5 ... 2.5 mm <sup>2</sup>	
<ul style="list-style-type: none"> <li>• finely stranded with core end processing</li> </ul>	0.5 ... 2.5 mm <sup>2</sup>	
<b>type of connectable conductor cross-sections</b>		
<ul style="list-style-type: none"> <li>• for auxiliary contacts <ul style="list-style-type: none"> <li>— solid</li> </ul> </li> </ul>	2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )	
<ul style="list-style-type: none"> <li>— finely stranded with core end processing</li> </ul>	2x (0.5 ... 1.5 mm <sup>2</sup> ), 2x (0.75 ... 2.5 mm <sup>2</sup> )	
<ul style="list-style-type: none"> <li>• for AWG cables for auxiliary contacts</li> </ul>	2x (18 ... 14), 2x (20 ... 16)	
AWG number as coded connectable conductor cross section for auxiliary contacts	20 ... 14	
Approvals Certificates		
General Product Approval	EMC	Declaration of Conformity
<a href="#">Confirmation</a>     		
Declaration of Conformity	Marine / Shipping	other
 EG-Konf.	 BUREAU VERITAS	 DNV
	 RMRS	<a href="#">Confirmation</a>  VDE

### 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>

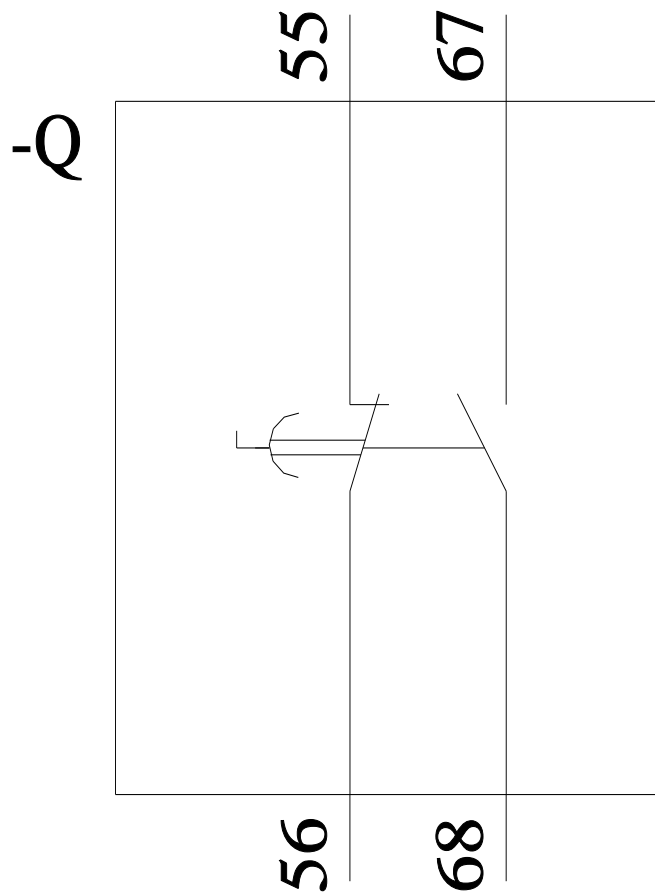
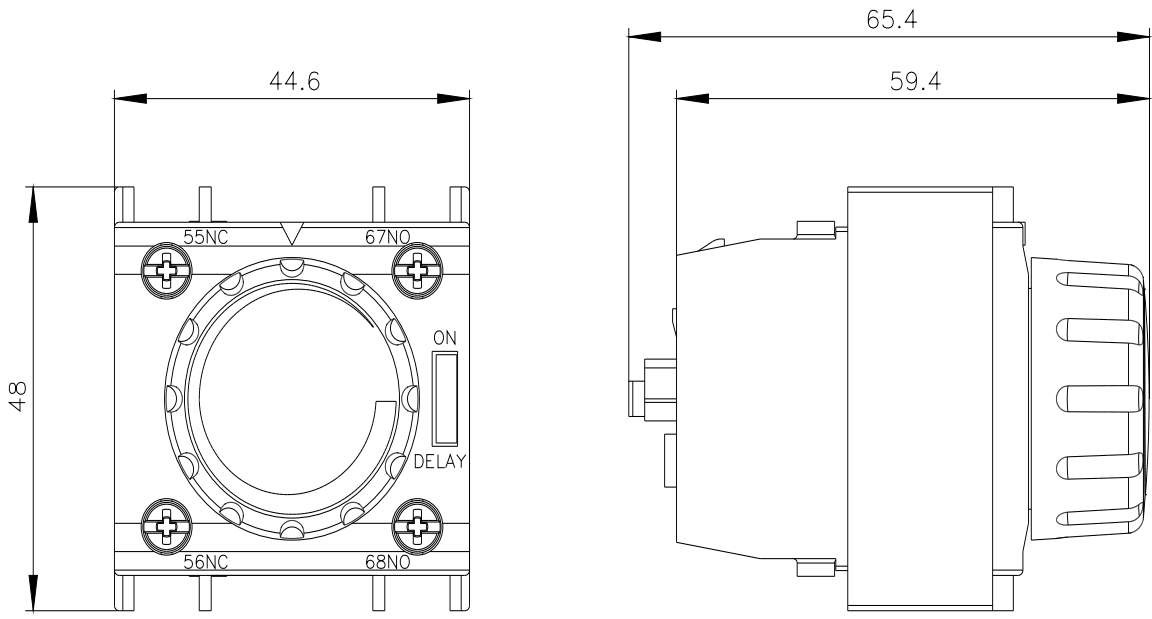
Information- and Downloadcenter (Catalogs, Brochures,...)  
<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)  
<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RT2927-2PA01>

Cax online generator  
<http://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, ...)  
[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RT2927-2PA01&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2927-2PA01&lang=en)



last modified:

10/8/2021

