SIEMENS

Data sheet 3RT2927-2PA11



pneumatically time-delayed auxiliary switch, ON-delay, 10-180 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	10 180 s
relative accuracy of the operating delay time/backslide delay time	10 %
active principle	pneumatic
Substance Prohibitance (Date)	10/01/2009
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 00 °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 Ik = 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 mm²		
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 mm²), 2x (0.75 2.5 mm²)		
 finely stranded with core end processing 	2x (0.5 1.5 mm²), 2x (0.75 2.5 mm²)		
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			



General Product Approval











Marine / Shipping

other

Environment

EMV







Miscellaneous

Confirmation

Environmental Confirmations

Further information

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=3RT2927-2PA11

Cax online generator

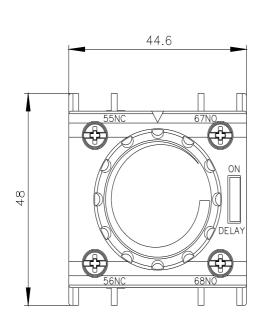
http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RT2927-2PA11

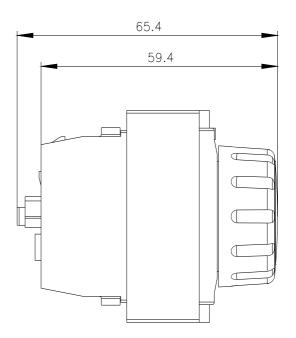
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

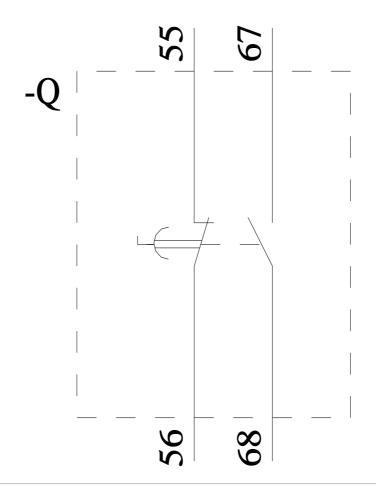
https://support.industry.siemens.com/cs/ww/en/ps/3RT2927-2PA11

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

 $\underline{\text{http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2927-2PA11\&lang=en}}$







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4/18/2025

3RT29 Page	PA1	′