SIEMENS

Data sheet 3RT2927-2PR01



pneumatically time-delayed auxiliary switch, off delayed 1-30 s, 1 NO + 1 NC, for mounting to contactors $3\mathsf{RT202}$

| product brand name | SIRIUS |
|--|-----------------------|
| product designation | pneumatic delay block |
| design of the product | off delay |
| General technical data | |
| 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 OFF-delay time | 1 30 s |
| relative accuracy of the operating delay time/backslide delay time | 10 % |
| Substance Prohibitance (Date) | 10/01/2009 |
| Switching Function | |
| switching function | |
| ON-delay | No |
| OFF delay | Yes |
| 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 lk = 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 mm² | | |
| 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 | | | |

Approvals Certificates

General Product Approval







Confirmation





EMV Marine / Shipping other Environment





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=3RT2927-2PR01

Cax online generator

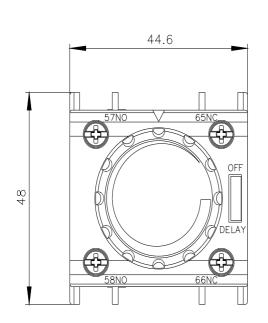
 $\underline{\text{http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en\&mlfb=3RT2927-2PR01}$

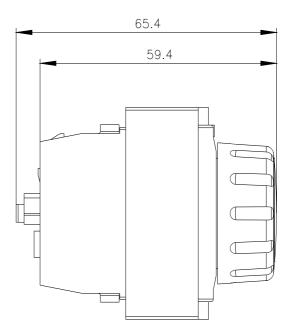
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

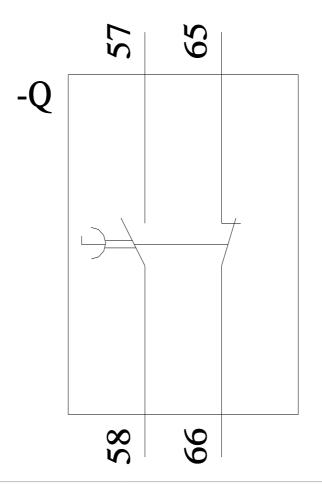
https://support.industry.siemens.com/cs/ww/en/ps/3RT2927-2PR01

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RT2927-2PR01&lang=en







last modified: 10/8/2021 🖸

| 3RT2 Page | - | 2PR0 | 1 |
|--------------|---|------|---|