



Remote operating mechanism ARD 30 V AC, 48 V DC For CB, residual current operated circuit breaker RC blocks, RCBO On/off switch

| Model | |
|---|---|
| product brand name | SENTRON |
| product designation | Remote controlled mechanism Power + ARD |
| display version / LED | Yes |
| design of the product | Mountable |
| design of the product / factory mounted | No |
| electrical endurance (switching cycles) / typical | 10 000 |
| Supply voltage | |
| operating voltage | |
| • rated value | 24 V |
| • at AC / rated value / minimum | 12 V |
| • at AC / rated value / maximum | 30 V |
| • at DC / rated value / minimum | 12 V |
| • at DC / rated value / maximum | 48 V |
| operating frequency | 50/60 Hz |
| protection class IP | IP20 |
| Dissipation | |
| power loss [V·A] / during standby | 1 W |
| Control current | |
| type of voltage / of control voltage | AC/DC |
| Product details | |
| product feature / interlock | Yes |
| product component | |
| • fault signal contact | Yes |
| • auxiliary switch | Yes |
| number of fault signal contacts | 1 |
| number of NC contacts | 0 |
| number of NO contacts | 0 |
| number of CO contacts | 1 |
| design of the auxiliary switch | 1 CO, 2 A, 250 V AC |
| product extension / can be mounted | Universal |
| product extension | Remote operating mechanism ARD |
| type of fault signal contact | 1 CO, 5 A, 250 V AC |
| number of remote reset / per minute | 2 |
| number tests to the automatically resetting | 3 |
| Connections | |
| wire length / in the control circuit | 1 500 m |
| connectable conductor cross-section | |
| • minimum | 0.5 mm ² |

| | |
|--|---------------------|
| <ul style="list-style-type: none"> • maximum | 1.5 mm ² |
| tightening torque / with screw-type terminals | |
| <ul style="list-style-type: none"> • minimum • maximum | 0.2 N·m 0 N·m |
| type of connectable conductor cross-sections / at AWG cables | 14 ... 30 |

Mechanical Design

| | |
|-------------------------------|-------|
| height | 90 mm |
| width | 36 mm |
| depth | 70 mm |
| number of modular width units | 2 |
| net weight | 188 g |

Environmental conditions

| | |
|--|-----------------|
| ambient temperature / during operation | |
| <ul style="list-style-type: none"> • minimum • maximum | -25 °C 45 °C |
| ambient temperature / during storage | |
| <ul style="list-style-type: none"> • minimum permissible • maximum permissible | -40 °C 55 °C |

| | | |
|---------------------------------|----------------------------------|--------------|
| General Product Approval | Declaration of Conformity | other |
|---------------------------------|----------------------------------|--------------|

[Confirmation](#)

[Miscellaneous](#)



[UK Declaration of Conformity](#)

[Miscellaneous](#)

| | |
|----------------|-----------------------|
| Railway | Dangerous Good |
|----------------|-----------------------|

[Confirmation](#)

[Transport Information](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/lowvoltage/catalogs>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3057>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3057>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3057

CAX-Online-Generator

<http://www.siemens.com/cax>

Tender specifications

<http://www.siemens.com/specifications>





