



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 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 <sup>2</sup>
• maximum	1.5 mm <sup>2</sup>

tightening torque / with screw-type terminals	
<ul style="list-style-type: none"> <li>• minimum</li> <li>• maximum</li> </ul>	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"> <li>• minimum</li> <li>• maximum</li> </ul>	-25 °C 45 °C
ambient temperature / during storage	
<ul style="list-style-type: none"> <li>• minimum permissible</li> <li>• maximum permissible</li> </ul>	-40 °C 55 °C

<b>General Product Approval</b>	<b>Declaration of Conformity</b>	<b>other</b>
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[Miscellaneous](#)



[Miscellaneous](#)

<b>Railway</b>	<b>Dangerous Good</b>
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[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?mfb=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?mfb=5ST3057](http://www.automation.siemens.com/bilddb/cax_en.aspx?mfb=5ST3057)

**CAX-Online-Generator**

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

**Tender specifications**

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



