



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
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
operating frequency	50/60 Hz
protection class IP	IP20
Dissipation	
power loss [V·A] / during standby	1 W
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	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
• maximum	1.5 mm ²
tightening torque / with screw-type terminals	
• minimum	0.2 N·m
• maximum	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			
net weight	188 g			
Environmental conditions				
ambient temperature / during operation				
• minimum	-25 °C			
• maximum	45 °C			
ambient temperature / during storage				
• minimum permissible	-40 °C			
• maximum permissible	55 °C			
General Product Approval	Declaration of Conformity	other	Railway	Dangerous Good

[Miscellaneous](#)



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[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>

