



Remote operating mechanism ARD 230 V AC, 2 MW 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	230 V
• at AC / rated value / minimum	177 V
• at AC / rated value / maximum	270 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
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
• maximum	1.5 mm ²
tightening torque / with screw-type terminals	

<ul style="list-style-type: none"> • minimum 	0.2 N·m
<ul style="list-style-type: none"> • 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
number of modular width units	2
net weight	188 g

Environmental conditions

ambient temperature / during operation	
<ul style="list-style-type: none"> • minimum 	-25 °C
<ul style="list-style-type: none"> • maximum 	45 °C
ambient temperature / during storage	
<ul style="list-style-type: none"> • minimum permissible 	-40 °C
<ul style="list-style-type: none"> • maximum permissible 	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=5ST3058>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3058>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3058

CAX-Online-Generator

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

Tender specifications

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





