



remote operating mechanism ARD with measurement of the insulation resistance;
100-240 V AC; 2.5 MW; for CB, RCCB, RC units, RCBO, ON/OFF switch

Model	
product brand name	SENTRON
product designation	remote operating mechanism ARD with IR test
design of the product	Mountable
display version LED	Yes
design of the product factory mounted	No
electrical endurance (operating cycles) typical	10 000
overvoltage category	III
Voltage	
insulation voltage rated value	250 V
surge voltage resistance rated value	4 kV
Supply voltage	
operating voltage	
• rated value	230 V
• at AC rated value minimum	100 V
• at AC rated value maximum	240 V
protection class IP	IP20
Dissipation	
power loss [V·A] during standby	1.5 W
Control current	
type of voltage of control voltage	AC
Product details	
product feature interlock	Yes
product component	
• fault signal contact	No
• auxiliary switch	No
number of fault signal contacts	0
number of NC contacts	0
number of NO contacts	0
number of CO contacts	0
product extension can be mounted	Universal
product extension	Remote operating mechanism ARD
number of remote reset per minute	4
number of attempts for automatic resetting (standard)	3
product function test function for fault current trip	No
Connections	
wire length in the control circuit	1 500 m
connectable conductor cross-section	
• minimum	0.5 mm²

• maximum	1.5 mm²	
AWG number as coded connectable conductor cross section		
• minimum	30	
• maximum	14	
tightening torque with screw-type terminals		
• minimum	0.2 N·m	
• maximum	0.25 N·m	
Mechanical Design		
height	90 mm	
width	45 mm	
depth	72 mm	
number of modular width units	2.5	
Net Weight	240 g	
Environmental conditions		
standard	IEC63024	
ambient temperature during operation		
• minimum	-40 °C	
• maximum	70 °C	
ambient temperature during storage minimum	-40 °C	
Approvals Certificates		
General Product Approval	other	Dangerous goods

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[Miscellaneous](#)

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[Transport Information](#)

Environment

[Environmental Con-
firmations](#)

[Environmental Con-
firmations](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=5ST3074>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3074>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3074

CAX-Online-Generator

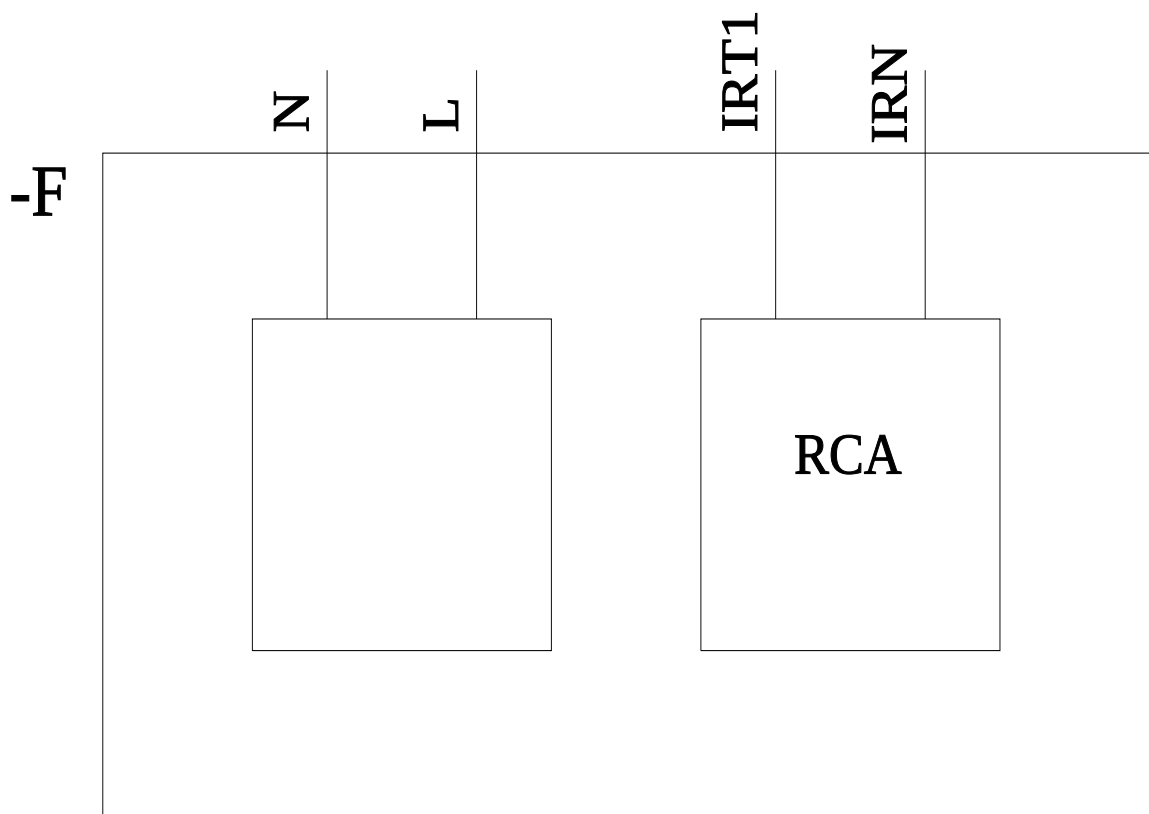
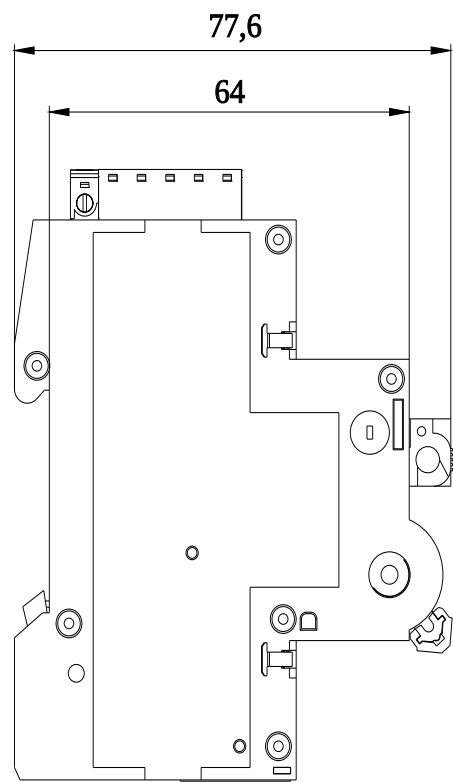
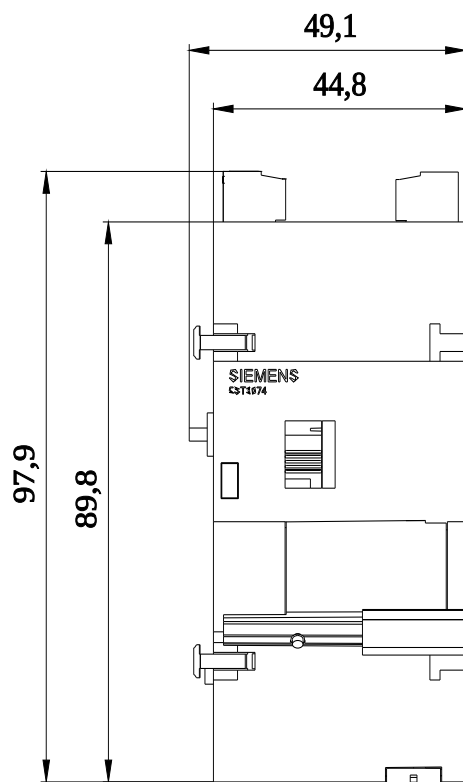
<https://www.siemens.com/cax>

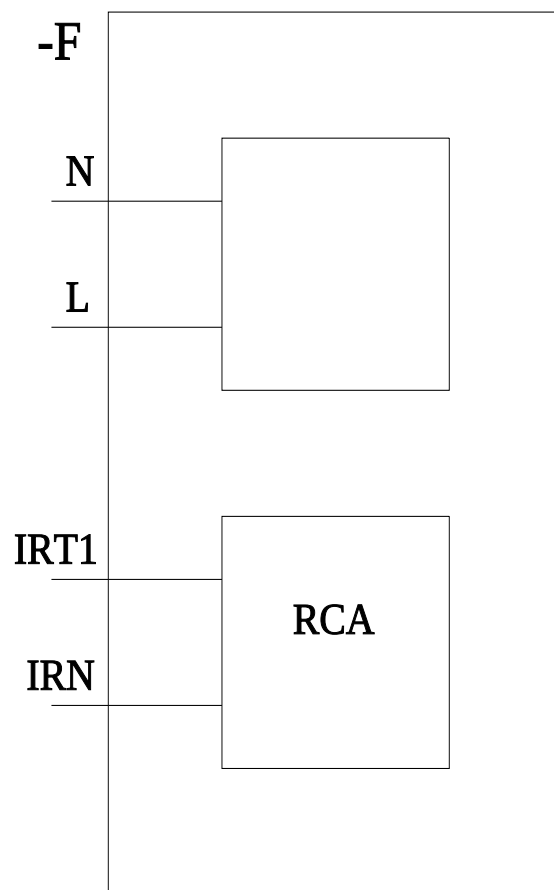
Tender specifications

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

Characteristic curves

[https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP="HAUPT"></mmp_prod_no>](https://curves.simaris.siemens.com/curves/<mmp_prod_noCOMP=)





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