



remote operating mechanism 5ST3 COM with communication, RCD/IR test and ARD; 100-240 V AC; 2.5 MW; for CB, RCCB, RC units, RCBO, on-off switch; please consider wireless approval! list of countries: see certificates

Model	
product brand name	SENTRON
product designation	remote operating mechanism 5ST3 COM, ARD, RCD/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
guideline via radio-controlled system	2014/53/EU
frequency with radio transmission minimum	2 400 MHz
frequency with radio transmission maximum	2 483.5 MHz
status display of the measured data	manual ON/OFF, tripping, temperature, operating cycles, operating hours, warnings, ARD status, slide status, RCD/IR test; ARD adjustable, tests adjustable; switching command
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	1.8 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	0
number of NC contacts	0
number of NO contacts	0
number of CO contacts	0
design of the auxiliary switch	via communication
product extension can be mounted	Universal
product extension	remote operating mechanism ARD, RCD/IR test, COM

type of fault signal contact	via communication
number of remote reset per minute	4
number of attempts for automatic resetting (standard)	3
number of attempts for automatic resetting (adjustable)	3
product function test function for fault current trip	Yes

Communication

protocol is supported	wired XOR wireless
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Connections

wire length in the control circuit	1 500 m
connectable conductor cross-section	
• minimum	0.5 mm ²
• maximum	1.5 mm ²
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 N·m

Mechanical Design

height	90 mm
width	45 mm
depth	72 mm
number of modular width units	3
Net Weight	300 g

Environmental conditions

standard	IEC63024
ambient temperature during operation	
• minimum	-40 °C
• maximum	70 °C
ambient temperature during storage minimum	-40 °C

Approvals Certificates

Environment	General Product Approval
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firmations](#)

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firmations](#)



[Miscellaneous](#)



[Confirmation](#)

General Product Ap- proval	Radio Equipment Type Approval Certificate	other	Dangerous goods
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[Miscellaneous](#)

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[Transport Information](#)

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=5ST3073-0MC>

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

<https://support.industry.siemens.com/cs/ww/en/ps/5ST3073-0MC>

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

https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5ST3073-0MC

CAX-Online-Generator

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

Tender specifications





