




RCBO 40 A 4-pole 7 modules C characteristic Type A 300mA

Model	
product brand name	SENTRON
product designation	RCBO
General technical data	
number of poles	4
number of poles with protection	4
design of pole	4P
tripping characteristic class	C
overvoltage category	III
degree of pollution	2
Voltage	
type of voltage of the operating voltage	AC
insulation voltage (Ui) rated value	440 V
surge voltage resistance rated value	4 V
tripping fault current rated value	300 mA
operational current	
• at AC rated value	40 A
residual current type	A
Supply voltage	
supply voltage	
• at AC rated value	415V
operating frequency	50 Hz
supply voltage frequency rated value	50 Hz
Protection class	
protection class IP	IP20, if the distribution board is installed, with connected conductors
Breaking Capacity	
short-circuit current breaking capacity (Icn) according to EN 61009-1 rated value	10 kA
switching capacity current	
• according to EN 60898 rated value	10 kA
• according to IEC 60947-2 rated value	15 kA
rated residual switching capacity (IΔm) according to IEC 61009-1	10 kA
energy limitation class	3
Product details	
product feature touch protection	Yes
product component neutral conductor switching	Yes
Connections	
position of power supply cord	Either top or bottom
Mechanical Design	
height	90 mm
width	126 mm
depth	70 mm
installation depth	70 mm
number of modular width units	7
mounting position	any
Environmental conditions	
influence of the surrounding temperature	Max. 95% humidity
ambient temperature during operation	
• minimum	-25 °C
• maximum	45 °C
ambient temperature during storage	

- minimum
- maximum

-40 °C
75 °C

Approvals Certificates

General Product Approval			other	
Confirmation		 EG-Konf.	Miscellaneous	 Miscellaneous
other		Dangerous goods	Environment	
Confirmation	Miscellaneous	Transport Information	Environmental Con- firmations	Environmental Con- firmations

Further information

Information on the packaging
<https://support.industry.siemens.com/cs/ww/en/view/109813875>
 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=5SU1644-7RC40>
 Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
<https://support.industry.siemens.com/cs/ww/en/ps/5SU1644-7RC40>
 Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=5SU1644-7RC40
 CAx-Online-Generator
<http://www.siemens.com/cax>
 Tender specifications
<http://www.siemens.com/specifications>

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