SIEMENS

Data sheet 3VA9224-0RL30



residual current device RCD820 advanced RCD type A loadside mounted rated resid. current 0.03...30A at 50/60 Hz adjustable tv 0...10000 ms 4-pole In=250 A Ue=100-690 V accessory for: 3VA2

Model	
product brand name	SENTRON
product designation	Residual current protection device type A
accessories	Residual current protection module type A
General technical data	
fastening method	screw fixing
number of poles	4
protection class IP / on the front	IP40
Voltage	
supply voltage / at AC	
● minimum	127 V
● maximum	690 V
Current	
operational current / at AC / rated value	250 A
response value / of the residual current	0.03;0.05;0.1;0.3;0.5;1;3;5;10;30
product function / communication with residual current equipment	Yes
● product function / integrated / alarm management	Yes
● product function / integrated / alarm management	Pre-alarm indication 30% and 60%
● product function / remote-controlled tripping	Yes
● product feature / sealable	Yes
● product function / selectable tripping characteristic	No
● product function / selectable RCD or monitoring mode	Yes
position / of the infeed / on the RCD component	Top or bottom
type of electrical connection / for main current circuit	busbar connection
set values / of the limit value of not tripping time	0;0.06;0.15;0.3;0.5;1.0;2.0;3.0;5.0;10.0
type of trip indicator / electrical	Yes
type of trip indicator / communication	Yes
power loss [W] / maximum	24.3 W
operating frequency / rated value / maximum	60 Hz
frequency / of fault current	
● minimum	50 Hz
● maximum	60 Hz
Mechanical Design	
height	115 mm
width	139.5 mm
depth	86 mm
net weight	1 617 g

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Net Weight	1.653 kg
Connetctions according UL	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	70 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C

Certificates

General Product Approval





Miscellaneous





Confirmation

General Product Approval	EMV	Maritime application	other		Dangerous goods
			Miscellaneous	Confirmation	Transport Information

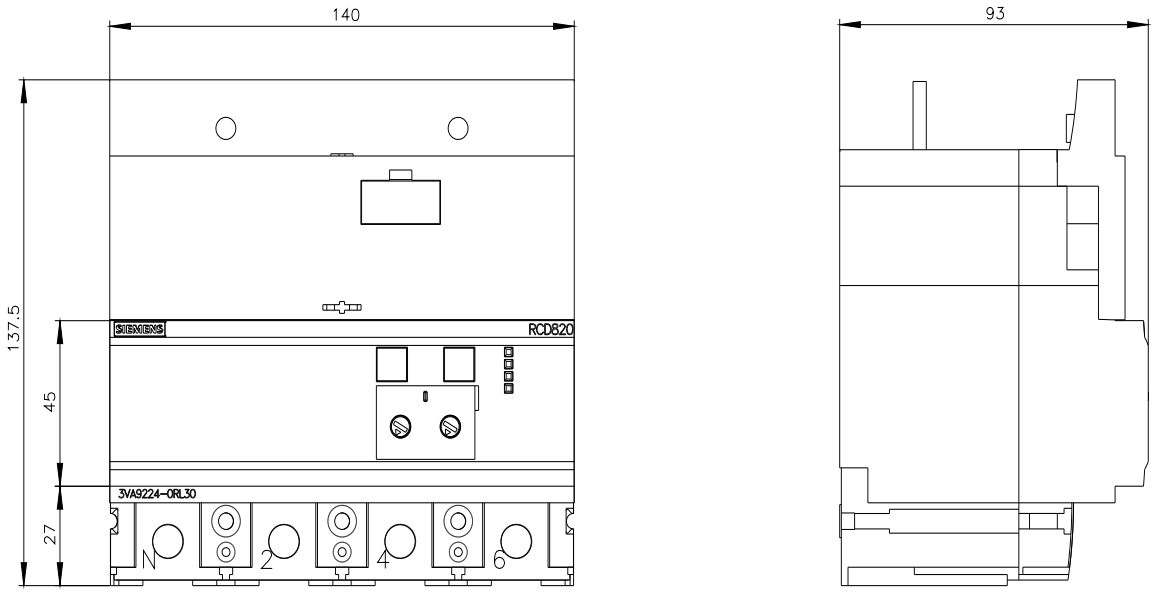
Environment

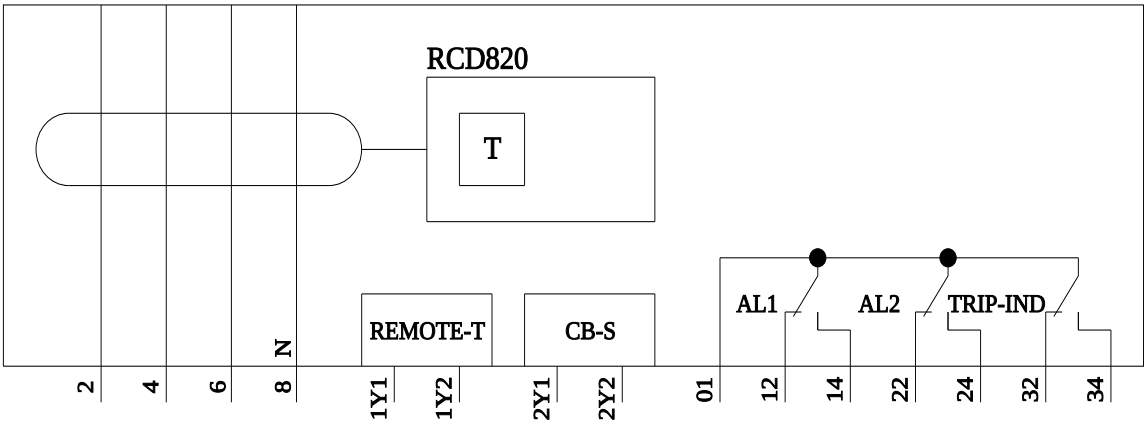
Environmental Confirmations	Environmental Confirmations	

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=3VA9224-0RL30
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
https://support.industry.siemens.com/cs/ww/en/ps/3VA9224-0RL30
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
https://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9224-0RL30
CAx-Online-Generator
https://www.siemens.com/cax
Tender specifications
https://www.siemens.com/specifications

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