## **SIEMENS**

Data sheet 3VM9114-0RS10



residual current device RCD110 basic RCD type A side mounted rated resid. current 0.03...5 A at 50/60 Hz tv instantaneous 4-pole In=160 A Ue=127-480 V accessory for: 3VM with terminal connection

product designation Accessories Residual current protection module type A  Central technical data fastening method number of poles protection dass IP / on the front  Current Operational current / at AC / rated value response value / of the residual current Operational current / at AC / rated value response value / of the residual current  Product function / communication with residual current  product function / integrated / alarm management product function / selectable fripping product feature / sealable product function / selectable fripping No position / of the infeed / on the RCD component Type of electrical connection / for main current circuit Cable connection of basic breaker set values / of the limit value of not tripping time Operating frequency / rated value / maximum  60 Hz height 131.8 mm  depth 70 mm net weight ambient temperature / during operation minimum ambient temperature / during storage minimum  40 °C	Model	
design of the product accessories Residual current protection module type A accessories Residual current protection module type A  General technical date  fastening method number of poles protection class IP / on the front  Current  operational current / at AC / rated value product function / fine residual current  operational current / at AC / rated value product function / communication with residual current equipment  • product function / integrated / alarm management • product function / integrated / product function / integrated / alarm management • product function / integrated / product function / selectable tripping characteristic • product function / selectable RCD or monitoring mode  • product function / selectable rCD or monitoring mode yes position / of the infeed / on the RCD component Top or bottom  type of the infined / for main current circuit Cable connection of basic breaker set values / or the limit value of not tripping time type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 10; type of the limit value of not tripping time 0; type of the limit value of not tripping time 10; type of the limit value of not tripping time 0; type of the limit value of not tripping time 10; type of the limit value of not tripping time 0; type of the limit value of not tripping time 10; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit value of not tripping time 0; type of the limit	product brand name	SENTRON
accessories Residual current protection module type A  Ceneral technical data  fastering method number of poles protection class IP / on the front  Ourrent  Operational current / at AC / rated value response value / of the residual current Operational current / at AC / rated value response value / of the residual current  No  Product function / communication with residual current equipment  Pre-alarm indication 30% product function / integrated / alarm management product function / selectable tripping characteristic product function / selectable f	product designation	Accessories
General technical data  fastening method screw fixing number of poles 4 protection class IP / on the front IP40  Current  operational current / at AC / rated value 60 A response value / of the residual current 0.03/,0.5/,1.13.5  Mechanical Design  product function / communication with residual current equipment 9 product function / integrated / alarm management 9 product function / integrated / alarm management 9 product function / remote-controlled tripping No 9 product function / selectable tripping characteristic No 9 product function / selectable tripping characteristic No 9 postuct function / selectable tripping characteristic No 9 postuct function / selectable RCD or monitoring mode Yes postuon / of the infeed / on the RCD component 10 por bottom 10 por bo	design of the product	Residual current protection module type A
fastening method screw fixing number of poles 4 protection class IP / on the front IP40  Current  operational current / at AC / rated value 160 A response value / of the residual current 0.03(0.05;0.1;0.3(0.5;1;3;5)  Mochanical Design product function / communication with residual current equipment  • product function / integrated / alarm management Pre-alarm indication 30% • product function / integrated / alarm management Pre-alarm indication 30% • product function / remote-controlled tripping No • product function / remote-controlled tripping No • product function / selectable RCD or monitoring mode Yes • product function / selectable RCD or monitoring mode Yes  opication / of the infeed / on the RCD component Top or bottom  type of electrical connection / for main current circuit Cable connection of basic breaker set values / of the limit value of not tripping time 0; type of trip indicator / celectrical Yes  type of trip indicator / selectrical Yes  type of trip indicator / communication No  operating frequency / rated value / maximum 60 Hz  height 187 mm  width 131.8 mm  depth 70 mm  net weight 1021 g  ambient temperature / during operation  • minimum - 25 °C  • maximum 70 °C  ambient temperature / during storage  • minimum  • maximum  • maximum  ambient temperature / during storage  • minimum  • maximum  • maximum  ambient temperature / during storage	accessories	Residual current protection module type A
number of poles   4   protection class IP / on the front   IP40    Current   Operational current / at AC / rated value   160 A   response value / of the residual current   0.03;0.05;0.1;0.3;0.5;1;3;5    Mechanical Design   Operational current   No   equipment   Pre-alarm indication 30%   • product function / integrated / alarm management   • product function / remote-controlled tripping   No   • product function / selectable PCD or monitoring mode   Yes   position / of the infeed / on the RCD component   Top or bottom   type of electrical connection / for main current circuit   set values / of the limit value of not tripping time   0; type of trip indicator / electrical   Yes   type of trip indicator / electrical   Yes   type of trip indicator / communication   No   operating frequency / rated value / maximum   60 Hz   height   131.8 mm   depth   70 mm   net weight   1021 g   ambient temperature / during operation   • maximum   70 °C   ambient temperature / during storage   • minimum   40 °C   • maximum   80 °C   ambient temperature / during storage	General technical data	
protection class IP / on the front  Current  operational current / at AC / rated value response value / of the residual current equipment  oproduct function / communication with residual current equipment  oproduct function / integrated / alarm management oproduct function / remote-controlled tripping oproduct function / selectable tripping notes of the product function / selectable tripping characteristic oproduct function / selectable RCD or monitoring mode position / of the infeed / on the RCD component type of electrical connection / for main current circuit cset values / of the limit value of not tripping time type of trip indicator / electrical type of trip indicator / electrical yes of trip indicator / relectrical yes of the junit value of not maximum height 187 mm width 191.8 mm depth 70 mm net weight ambient temperature / during operation ominimum ominimum - 25 °C omaximum - maximum -	fastening method	screw fixing
current operational current / at AC / rated value response value / of the residual current operational current / at AC / rated value response value / of the residual current operational current / at AC / rated value response value / of the residual current equipment  No  product function / communication with residual current operation / integrated / alarm management operation / integrated	number of poles	4
response value / of the residual current  ### O.03;0.05;0.1;0.3;0.5;1;3;5  ### Mechanical Design  product function / communication with residual current equipment  ### o product function / integrated / alarm management	protection class IP / on the front	IP40
response value / of the residual current  Mechanical Design  product function / communication with residual current equipment  • product function / integrated / alarm management • product function / integrated / alarm management • product function / remote-controlled tripping • product function / remote-controlled tripping • product function / selectable tripping characteristic • product function / selectable tripping characteristic • product function / selectable RCD or monitoring mode  *product function / selectable RCD or monitoring mode  *product function / for main current circuit  *type of electrical connection / for main current circuit  set values / of the limit value of not tripping time  *ptype of trip indicator / electrical  *type of trip indicator / electrical  *pes  *type of trip indicator / electrical  *type of trip indicator / electrical  *pes  *type of trip indicator / elec	Current	
Mechanical Design   Product function / communication with residual current equipment   Product function / communication with residual current equipment   Product function / integrated / alarm management   Product function / rintegrated / alarm management   Product function / remote-controlled tripping   No   Product function / remote-controlled tripping   No   Product function / selectable tripping characteristic   No   Product function / selectable tripping characteristic   No   Product function / selectable RCD or monitoring mode   Product function / selectable RCD or monitoring mode   Product function / for main current circuit   Cable connection of basic breaker   Set values / of the limit value of not tripping time   O;   Type of trip indicator / electrical   Production / Production / Production / Production / No   Production / Pro	operational current / at AC / rated value	160 A
product function / communication with residual current equipment  • product function / integrated / alarm management	response value / of the residual current	0.03;0.05;0.1;0.3;0.5;1;3;5
equipment  • product function / integrated / alarm management • product function / integrated / alarm management • product function / remote-controlled tripping • product function / selectable • product function / selectable tripping characteristic • product function / selectable RCD or monitoring mode position / of the infeed / on the RCD component type of electrical connection / for main current circuit set values / of the limit value of not tripping time type of trip indicator / electrical type of trip indicator / electrical yes type of trip indicator / communication operating frequency / rated value / maximum height 131.8 mm depth 70 mm net weight ambient temperature / during operation • minimum • maximum  ambient temperature / during storage • minimum • maximum • maximum  ambient temperature / during storage  ambient temperature / during storage	Mechanical Design	
product function / integrated / alarm management pre-alarm indication 30% product function / remote-controlled tripping product function / selectable tripping characteristic product function / selectable RCD or monitoring mode position / of the infeed / on the RCD component type of electrical connection / for main current circuit set values / of the limit value of not tripping time type of trip indicator / electrical type of trip indicator / communication No operating frequency / rated value / maximum height first maximum  and temperature / during operation minimum m	·	No
product function / integrated / alarm management pre-alarm indication 30% product function / remote-controlled tripping product function / selectable tripping characteristic product function / selectable RCD or monitoring mode position / of the infeed / on the RCD component type of electrical connection / for main current circuit set values / of the limit value of not tripping time type of trip indicator / electrical type of trip indicator / communication No operating frequency / rated value / maximum height first maximum  and temperature / during operation minimum m	product function / integrated / alarm management	Yes
product function / remote-controlled tripping product feature / sealable product function / selectable tripping characteristic product function / selectable RCD or monitoring mode position / of the infeed / on the RCD component type of electrical connection / for main current circuit cable connection of basic breaker set values / of the limit value of not tripping time type of trip indicator / electrical type of trip indicator / communication operating frequency / rated value / maximum  fulth		
product feature / sealable product function / selectable tripping characteristic product function / selectable RCD or monitoring mode  position / of the infeed / on the RCD component  type of electrical connection / for main current circuit  set values / of the limit value of not tripping time  type of trip indicator / electrical  yes  type of trip indicator / communication  operating frequency / rated value / maximum  foo Hz  height  187 mm  width  depth  net weight  ambient temperature / during operation  minimum  -25 °C  maximum  -40 °C  ambient temperature / during storage  minimum  -40 °C  ambient temperature / during storage		
product function / selectable tripping characteristic product function / selectable RCD or monitoring mode  position / of the infeed / on the RCD component  type of electrical connection / for main current circuit set values / of the limit value of not tripping time type of trip indicator / electrical  yes  type of trip indicator / communication operating frequency / rated value / maximum  height  187 mm  width  depth  131.8 mm  depth  net weight ambient temperature / during operation  minimum  -25 °C  ambient temperature / during storage  minimum  -40 °C  ambient temperature / during storage		Yes
product function / selectable RCD or monitoring mode     position / of the infeed / on the RCD component     type of electrical connection / for main current circuit     set values / of the limit value of not tripping time     set values / of the limit value of not tripping time     type of trip indicator / electrical     yes     type of trip indicator / communication     No     operating frequency / rated value / maximum     height     height     indepth     indep		
position / of the infeed / on the RCD component type of electrical connection / for main current circuit set values / of the limit value of not tripping time 0; type of trip indicator / electrical Yes type of trip indicator / communication No operating frequency / rated value / maximum 60 Hz height 187 mm width 131.8 mm depth 70 mm net weight 1021 g ambient temperature / during operation • minimum • maximum • max		
type of electrical connection / for main current circuit set values / of the limit value of not tripping time type of trip indicator / electrical type of trip indicator / communication operating frequency / rated value / maximum height height 187 mm width 131.8 mm depth 70 mm net weight ambient temperature / during operation • minimum • maximum	·	Top or bottom
set values / of the limit value of not tripping time  type of trip indicator / electrical  type of trip indicator / communication  No  operating frequency / rated value / maximum  height  187 mm  width  131.8 mm  depth  70 mm  net weight  ambient temperature / during operation  minimum  maximum  omaximum		
type of trip indicator / electrical  type of trip indicator / communication  operating frequency / rated value / maximum  height  187 mm  width  131.8 mm  depth  70 mm  net weight  ambient temperature / during storage  • maximum  -40 °C  ambient temperature / during storage	••	0;
type of trip indicator / communication  operating frequency / rated value / maximum  height  187 mm  width  131.8 mm  depth  70 mm  net weight  1 021 g  ambient temperature / during operation  • maximum  • minimum  70 °C  ambient temperature / during storage  • minimum  • maximum  80 °C  ambient temperature / during storage	· · · · ·	
operating frequency / rated value / maximum  height  187 mm  width  131.8 mm  depth  70 mm  net weight  1 021 g  ambient temperature / during operation  • minimum  -25 °C  • maximum  70 °C  ambient temperature / during storage  • minimum  -40 °C  ambient temperature / during storage	•	No
height  width  131.8 mm  depth  70 mm  net weight  1 021 g  ambient temperature / during operation  • minimum  70 °C  ambient temperature / during storage  • minimum  • maximum  40 °C  ambient temperature / during storage	· · · ·	60 Hz
depth 70 mm  net weight 1 021 g  ambient temperature / during operation  • minimum -25 °C  • maximum 70 °C  ambient temperature / during storage  • minimum -40 °C  • maximum 80 °C  ambient temperature / during storage	<u> </u>	187 mm
net weight ambient temperature / during operation  • minimum • maximum 70 °C  ambient temperature / during storage  • minimum • maximum 80 °C  ambient temperature / during storage	width	131.8 mm
ambient temperature / during operation  • minimum  -25 °C  • maximum  70 °C  ambient temperature / during storage  • minimum  • maximum  80 °C  ambient temperature / during storage	depth	70 mm
<ul> <li>minimum</li> <li>-25 °C</li> <li>maximum</li> <li>70 °C</li> </ul> ambient temperature / during storage <ul> <li>minimum</li> <li>-40 °C</li> <li>maximum</li> <li>80 °C</li> </ul> ambient temperature / during storage	net weight	1 021 g
<ul> <li>minimum</li> <li>-25 °C</li> <li>maximum</li> <li>70 °C</li> </ul> ambient temperature / during storage <ul> <li>minimum</li> <li>-40 °C</li> <li>maximum</li> <li>80 °C</li> </ul> ambient temperature / during storage	<u> </u>	
ambient temperature / during storage		-25 °C
<ul> <li>minimum</li> <li>-40 °C</li> <li>maximum</li> <li>80 °C</li> <li>ambient temperature / during storage</li> </ul>	• maximum	70 °C
	ambient temperature / during storage	
ambient temperature / during storage	• minimum	-40 °C
	• maximum	80 °C
• minimum -40 °C	ambient temperature / during storage	
	• minimum	-40 °C

• maximum 80 °C

## Certificates

## **General Product Approval**

Confirmation









Miscellaneous

General Product Approval

**Test Certificates** 

Marine / Shipping

other

Dangerous Good

EAC

**Miscellaneous** 



**Miscellaneous** 

Confirmation

**Transport Information** 

**Environment** 

Environmental Confirmations

## 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=3VM9114-0RS10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/3VM9114-0RS10

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

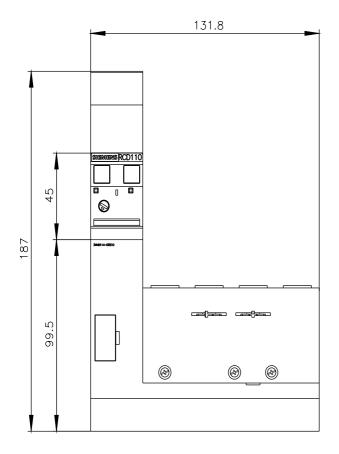
http://www.automation.siemens.com/bilddb/cax\_en.aspx?mlfb=3VM9114-0RS10

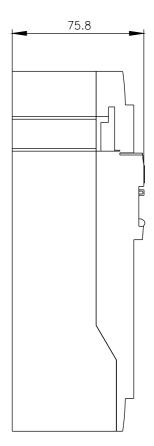
**CAx-Online-Generator** 

http://www.siemens.com/cax

Tender specifications

http://www.siemens.com/specifications





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