



24 V module accessory for: 3VA20/21/22

Model	
product brand name	SETRON
product designation	24 V module
accessories	Communication and measurement function
General technical data	
suitability for operation	3VA2 100/160/250
mounting position	Right switch pocket
degree of pollution	3
overvoltage category	I
operating resource protection class	III according to IEC61558
protection class IP	IP20 according to IEC60529
Voltage	
Rated control supply voltage U_s with DC / maximal	24 V
Mechanical Design	
product function	
• electronic tripping unit power supply	Yes
• detection of switch position: On, Off, Tripped	No
• communication with function module	No
• communication with motor drive	No
• communication with residual current equipment	No
• data exchange with the electronic tripping unit	No
power loss [W] / rated value	2.4 W
control supply voltage / at DC / rated value / maximum	24 V
relative symmetrical tolerance / of the operating range of the control feed voltage	20 %
consumed current / maximum	0.1 A
height	63 mm
width	29 mm
number of slots	4
depth	33 mm
net weight	80 g
type of electrical connection / at the inputs for supply voltage	screw-type terminals
connectable conductor cross-section / solid	
• minimum	0.5 mm ²
• maximum	1.5 mm ²
connectable conductor cross-section / finely stranded / with core end processing	
• minimum	0.5 mm ²
• maximum	0.75 mm ²
type of connectable conductor cross-sections / at the	20 to 16

digital inputs / for AWG cables / solid	
ambient temperature / during operation	
• minimum	-25 °C
• maximum	70 °C
ambient temperature / during transport	
• minimum	-40 °C
• maximum	80 °C
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C
tightening torque / with screw-type terminals / minimum	0.22 N-m
tightening torque / with screw-type terminals / maximum	0.25 N-m
ambient temperature / during storage	
• minimum	-40 °C
• maximum	80 °C

Certificates

General Product Approval	EMV	Test Certificates
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EG-Konf.



[Miscellaneous](#)



RCM

[Type Test Certificates/Test Report](#)

Marine / Shipping	other	Environment
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LRS

[Miscellaneous](#)

[Confirmation](#)

[Miscellaneous](#)

[Environmental Confirmations](#)

[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=3VA9187-0TB50>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3VA9187-0TB50>

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

http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3VA9187-0TB50

CAX-Online-Generator

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

Tender specifications

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



