



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 | |
| <ul style="list-style-type: none"> • electronic tripping unit power supply • detection of switch position: On, Off, Tripped • communication with function module • communication with motor drive • communication with residual current equipment • data exchange with the electronic tripping unit | <ul style="list-style-type: none"> Yes No No No No 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 | |
| <ul style="list-style-type: none"> • minimum • maximum | <ul style="list-style-type: none"> 0.5 mm² 1.5 mm² |
| connectable conductor cross-section / finely stranded / with core end processing | |
| <ul style="list-style-type: none"> • minimum • maximum | <ul style="list-style-type: none"> 0.5 mm² 0.75 mm² |
| type of connectable conductor cross-sections / at the digital inputs / for AWG cables / solid | 20 to 16 |

| | |
|---|----------|
| 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 |

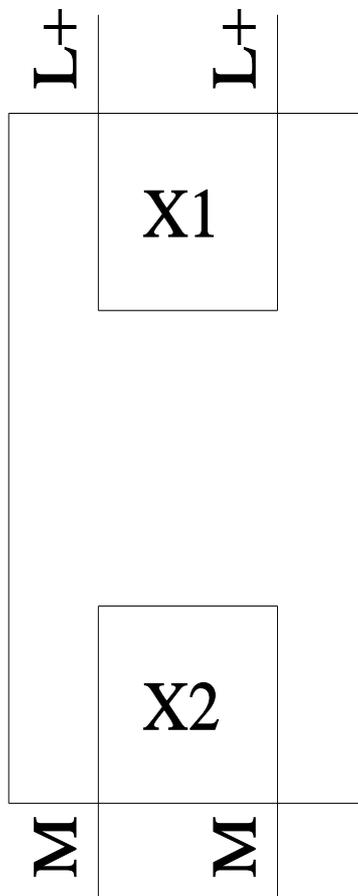
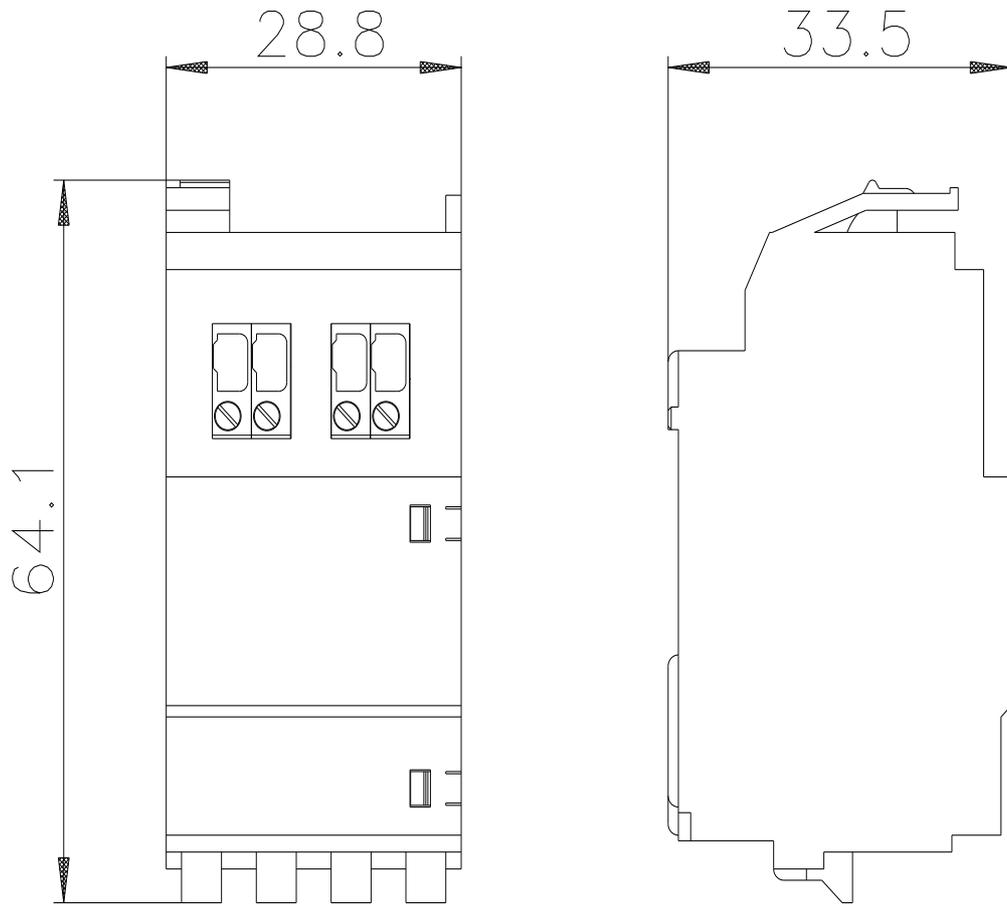
Certificates

| General Product Approval | EMV | Test Certificates |
|---|---|--|
|  EG-Konf. |  | Miscellaneous |
| |  |  RCM |
| | | Type Test Certificates/Test Report |

| Marine / Shipping | other | Environment |
|---|-------------------------------|---|
|  LRS | Miscellaneous | Confirmation |
| | | Miscellaneous |
| | | 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>



last modified:

8/15/2023 

