



AS-INTERFACE SLIMLINE MODULE S22.5, EARTH FAULT MONITORING, IP20, 1 X 1INPUT, REMOTE RESET, 2 X SIGNAL OUTPUT, RELAY, 1A DC12 1A (2A MAX.) DC13 500MA (24V) SCREW-TYPE TERMINAL CONNECT., MODULE WIDTH 22.5 MM, NO AS-I ADDRESS REQUIRED AS-INTERFACE MONITORING ONLY

General technical data:

| | | |
|--|------------------------------|---|
| Design of the product | | ground-fault detection modules - modules with special functions |
| Product function | | |
| <ul style="list-style-type: none"> • Ground fault detection • counter • Overvoltage detection | | <p>Yes</p> <p>No</p> <p>No</p> |
| Protocol is supported AS-interface protocol | | Yes |
| Type of electrical connection of the inputs and outputs | | screw-type terminals |
| AS interface total current input max | mA | 40 |
| Earth fault | | 10% Uas-i <= U _{gnd} <= 90% Uas-i |
| Addressing | | the module does not need its own AS-Interface address |
| Signal range | | |
| <ul style="list-style-type: none"> • low signal lin max • high signal — U_{in} min — lin min | <p>mA</p> <p>V</p> <p>mA</p> | <p>1.5</p> <p>10</p> <p>6</p> |
| Current carrying capacity | | |
| <ul style="list-style-type: none"> • DC-12 • DC-13 — 24 V — 48 V | <p>A</p> <p>mA</p> <p>mA</p> | <p>1</p> <p>500</p> <p>200</p> |
| Operating cycles DC-12 | | 2 000 000 |

| | | |
|---|----|--|
| Rated operational voltage DC | V | 24 ... 48 |
| Rated temperature | °C | 25 |
| AS interface Connection Polarity reversal protection | | built-in |
| Note 1 | | If repeaters are used, a ground fault detection module must be used for each AS-Interface segment (number of AS-Interface power supply units = number of ground fault detection modules) |
| Note 2 | | Uaux should be protected by a 2 A slow fuse. The endurance of the relay can be increased if inductive loads are connected using freewheel diodes. |
| Equipment marking acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 | | A |
| Equipment marking acc. to DIN EN 61346-2 | | K |

Ambient conditions:

| | | |
|----------------------------|----|-------------|
| Ambient temperature | | |
| • during operation | °C | -25 ... +70 |
| • during storage | °C | -40 ... +85 |
| Protection class IP | | IP20 |

Mechanical data:

| | | |
|----------------------|----|--------------------------------------|
| Width | mm | 22.5 |
| Height | mm | 102 |
| Depth | mm | 86 |
| Mounting type | | standard rail mounting/wall mounting |

Certificates/ approvals:

General Product Approval



Shipping Approval

Shipping Approval



LRS



PRS



RINA



RMRS

other

[Environmental Confirmations](#)

[Declaration of Conformity](#)

other

[Confirmation](#)

[other](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

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

Cax online generator

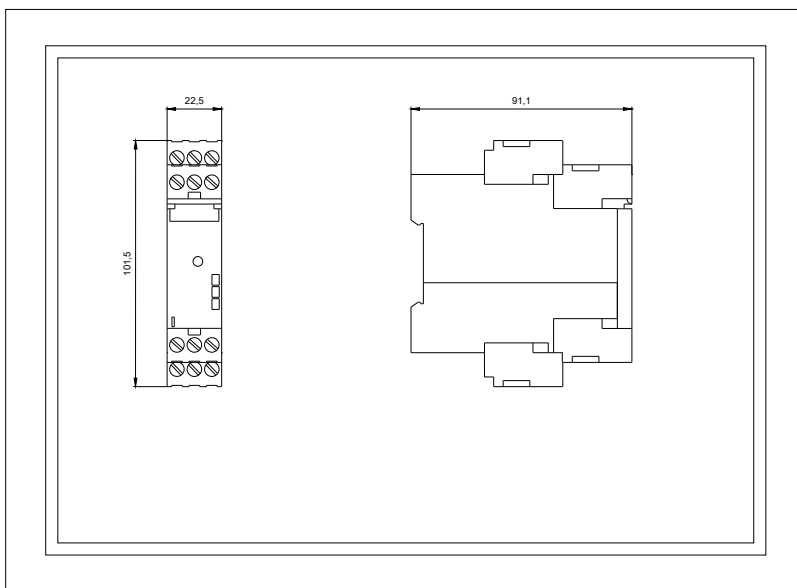
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mfb=3RK14088KE000AA2>

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

<http://support.automation.siemens.com/WW/view/en/3RK14088KE000AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK14088KE000AA2&lang=en>



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