

ASISAFE MODULE S22,5F TWO SAFE INPUTS 2FDI  
AND TWO STANDARD OUTPUTS 2DO SCREW  
TERMINAL



Figure similar

| General technical data:                                                             |    |                                        |
|-------------------------------------------------------------------------------------|----|----------------------------------------|
| Design of the product                                                               |    | Safe SlimLine module S22,5F, 2F-DI/2DO |
| Type                                                                                |    | 2 inputs, safe, 2 outputs, standard    |
| I/O configuration                                                                   |    | 7                                      |
| ID/ID2 code                                                                         |    | B/F                                    |
| Protocol is supported AS-interface protocol                                         |    | Yes                                    |
| Type of electrical connection of the inputs and outputs                             |    | screw terminal                         |
| operating voltage according to AS-Interface spezification                           | V  | 26.5 ... 31.5                          |
| AS interface total current input max                                                | mA | 250                                    |
| Addressing                                                                          |    | front addressing socket                |
| 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                                            |    | A                                      |
| Inputs:                                                                             |    |                                        |
| Number of digital inputs safety-related                                             |    | 2                                      |
| Inputs                                                                              |    |                                        |

|                                                                                                                            |    |                                                                |
|----------------------------------------------------------------------------------------------------------------------------|----|----------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>• sensors</li> <li>• switching level High</li> <li>• switching level Low</li> </ul> |    | mechanical switching contact<br>contact closed<br>contact open |
| <b>Input current at digital input for signal &lt;1&gt; minimum</b>                                                         | mA | 5                                                              |

#### Outputs:

|                                                                                                                                                 |  |                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|
| <b>Number of digital outputs</b>                                                                                                                |  | 2                                |
| <b>Type of voltage of output voltages</b>                                                                                                       |  | DC                               |
| <b>Outputs external power supply 24 V DC</b>                                                                                                    |  | via AS-Interface                 |
| <b>Type of switching output</b>                                                                                                                 |  | solid state                      |
| <b>Property of the output Short-circuit proof</b>                                                                                               |  | Yes                              |
| <b>Outputs</b> <ul style="list-style-type: none"> <li>• short-circuit protection</li> <li>• induction protection</li> <li>• watchdog</li> </ul> |  | built-in<br>built-in<br>built-in |
| <b>Status display</b> <ul style="list-style-type: none"> <li>• display of I/Os</li> <li>• display of AS-Interface/diagnostics</li> </ul>        |  | yellow LED<br>green/red LED      |

#### Ambient conditions:

|                                                                      |    |             |
|----------------------------------------------------------------------|----|-------------|
| <b>Ambient temperature</b>                                           |    |             |
| <ul style="list-style-type: none"> <li>• during operation</li> </ul> | °C | -20 ... +70 |
| <ul style="list-style-type: none"> <li>• during storage</li> </ul>   | °C | -40 ... +85 |
| <b>Protection class IP</b>                                           |    | IP20        |

#### Mechanical data:

|                      |    |                                      |
|----------------------|----|--------------------------------------|
| <b>Width</b>         | mm | 22.5                                 |
| <b>Height</b>        | mm | 101.6                                |
| <b>Depth</b>         | mm | 91                                   |
| <b>Mounting type</b> |    | standard rail mounting/wall mounting |

#### Certificates/ approvals:

| General Product Approval | Functional Safety/Safety of Machinery | Declaration of Conformity |
|--------------------------|---------------------------------------|---------------------------|
|--------------------------|---------------------------------------|---------------------------|



CSA



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## Shipping Approval



ABS



BUREAU  
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## 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**

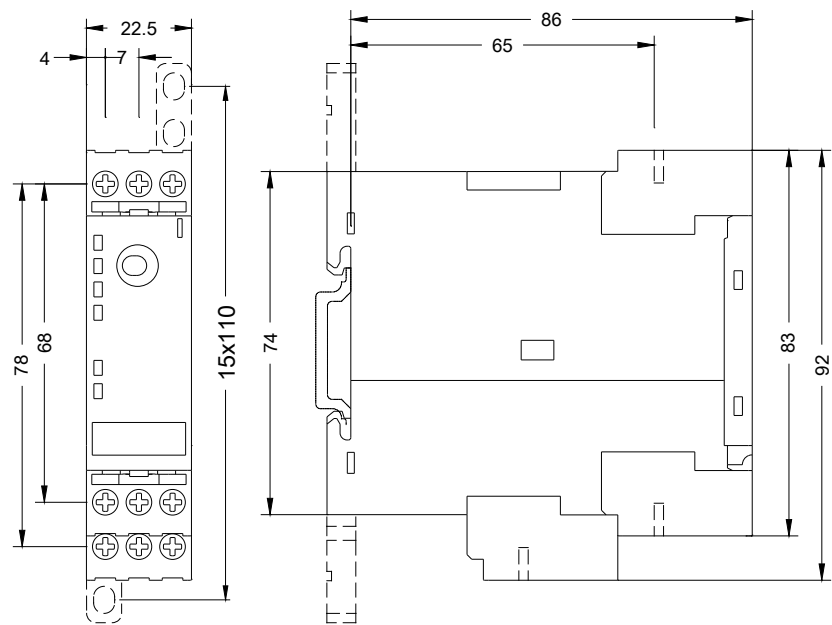
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1405-0BE00-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1405-0BE00-0AA2>

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

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3RK1405-0BE00-0AA2&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1405-0BE00-0AA2&lang=en)



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