



ASIsafe module S22.5F Phased-out product !!! For further information, please contact our sales department digital safety, 2 F-DI/2 DQ, IP20 2 x input for mechanical sensors 2 x standard output 24 V DC Output supply from U\_ASI Screw terminals Overall width 22.5 mm

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                |
| Reference code acc. to DIN 40719 extended according to IEC 204-2 acc. to IEC 750 |    | A                                      |
| Reference code 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 |
| Input current at digital input for signal <1> minimum                                                                      | mA | 5                                                              |

## Outputs

|                                                                                                                                                 |  |                                  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------|
| Number of digital outputs                                                                                                                       |  | 2                                |
| Type of voltage of output voltages                                                                                                              |  | DC                               |
| Outputs external power supply 24 V DC                                                                                                           |  | via AS-Interface                 |
| Type of switching output                                                                                                                        |  | solid state                      |
| Property of the output Short-circuit proof                                                                                                      |  | 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> <li>• during storage</li> </ul> | °C<br>°C | -20 ... +70<br>-40 ... +85 |
| Protection class IP                                                                                                       |          | IP20                       |

## Mechanical data

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

## Certificates/ approvals

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



CSA



UL



RCM

[Type Examination Certificate](#)



EG-Konf.

|                           |                   |
|---------------------------|-------------------|
| Declaration of Conformity | Shipping Approval |
|---------------------------|-------------------|

[Miscellaneous](#)



ABS



BUREAU  
VERITAS



LRS



PRS



RINA

|                   |       |
|-------------------|-------|
| Shipping Approval | other |
|-------------------|-------|



RMRS

[Confirmation](#)

[Miscellaneous](#)

#### Further information

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

<https://www.siemens.com/ic10>

**Industry Mall (Online ordering system)**

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1405-0BE00-0AA2>

**Cax online generator**

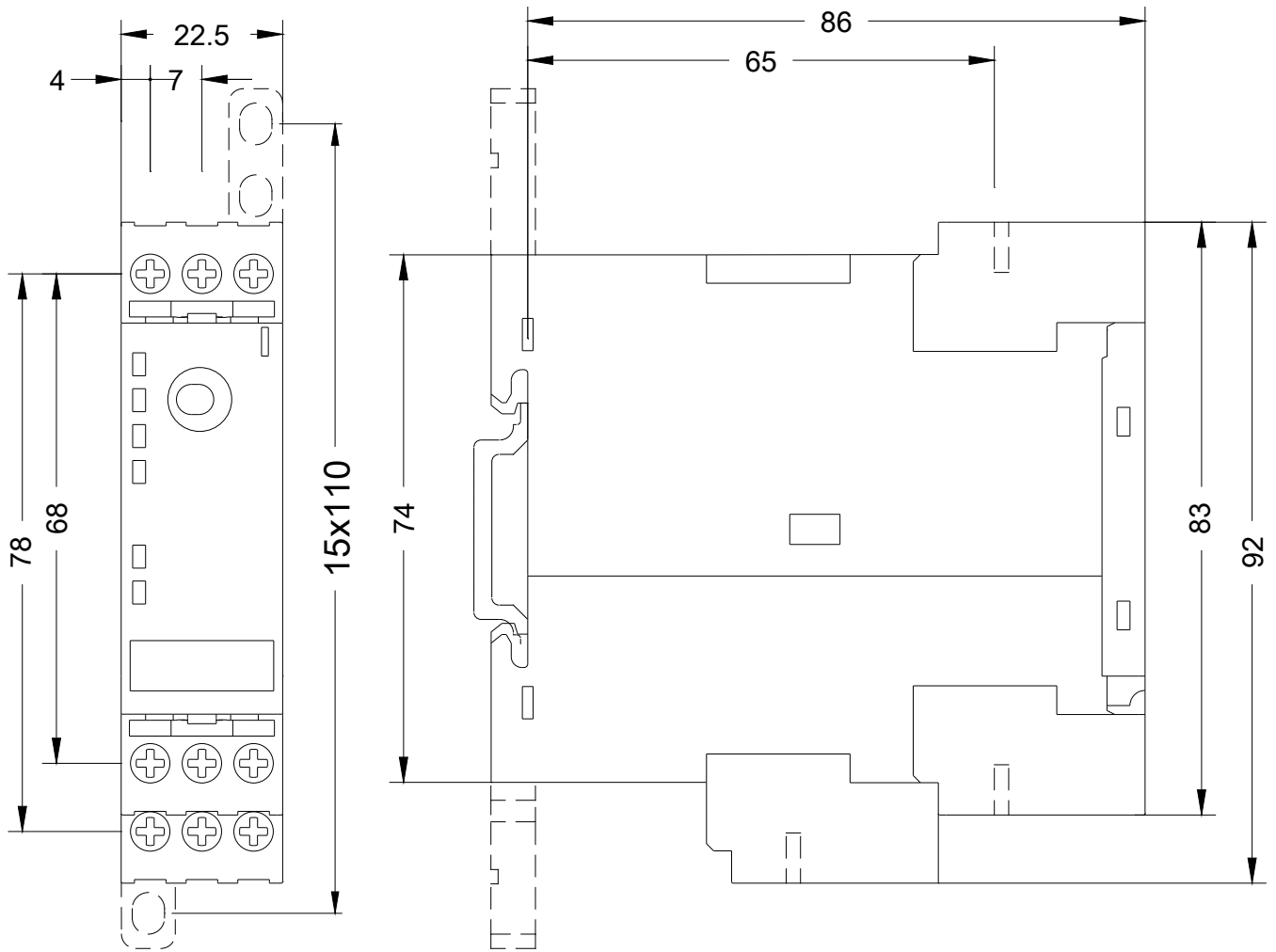
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1405-0BE00-0AA2>

**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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