



ASIsafe SlimLine module S45F digital safety IP20 1F-RQ/3DI/2DQ 1 x safe output relay 2-channel 3 x standard input 2 x standard output 24 V DC screw terminals width 45 mm attention product phase-out! now only available as spare part

General technical data

design of the product		Safe SlimLine module S45F, 1F-RO/2DI/2DO
I/O configuration		7
ID/ID2 code		A/E
protocol is supported AS-Interface protocol		Yes
type of electrical connection of the inputs and outputs		screw terminal
AS interface total current input max	mA	200
Addressing		front addressing socket
reference code according to DIN 40719 extended		A
according to IEC 204-2 according to IEC 750		
reference code according to EN 61346-2		A

Inputs

number of digital inputs		2
Inputs		
• switching level High		10
• switching level Low		5
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 AUX POWER
property of the output short-circuit proof		Yes
Outputs		
• short-circuit protection		built-in
• induction protection		built-in
• watchdog		built-in
Status display		
• display of I/Os		yellow LED
• display of Uaux		green LED
• display of AS-Interface/diagnostics		green/red LED

Ambient conditions

ambient temperature		
• during operation	°C	-25 ... +70
• during storage	°C	-40 ... +85
protection class IP		IP20

Mechanical data

width	mm	45
height	mm	105.9
depth	mm	120
fastening method		standard rail mounting/wall mounting

Certificates/ approvals

General Product Approval	EMC	Functional Safety/Safety of Machinery
--------------------------	-----	---------------------------------------



[Confirmation](#)



[Type Examination Certificate](#)

Declaration of Conformity	Marine / Shipping
---------------------------	-------------------



EG-Konf.



LRS



PRS



RINA



RMRS

Marine / Shipping	other
-------------------	-------



[Confirmation](#)

Further information

Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

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=3RK1405-1SE15-0AA2>

Cax online generator

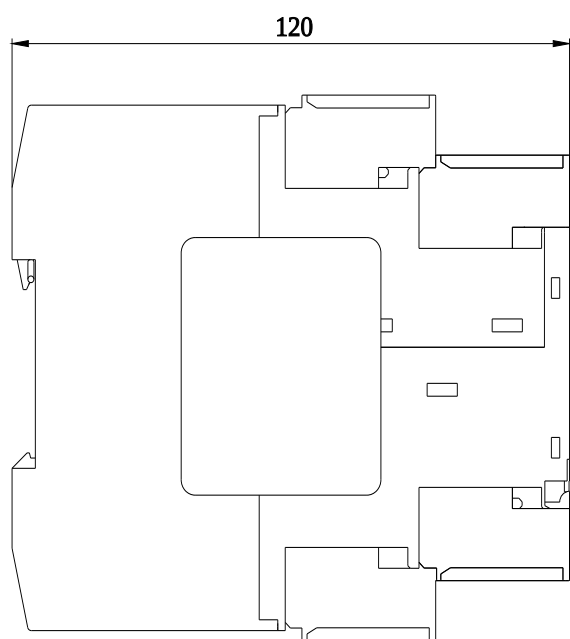
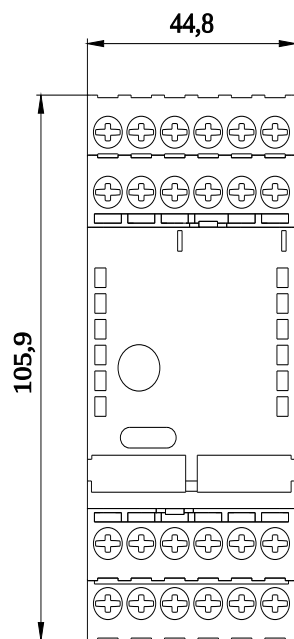
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1405-1SE15-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1405-1SE15-0AA2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1405-1SE15-0AA2&lang=en



last modified:

1/18/2021 