

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 spring-loaded 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		spring-loaded terminals
AS interface total current input max	mA	200
Addressing		front addressing socket
reference code according to DIN 40719 extended according to IEC 204-2 according to IEC 750		A
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	107.7
depth	mm	120
fastening method		standard rail mounting/wall mounting

Certificates/ approvals

General Product Approval



EMV	Functional Safety	Maritime application	other	Environment
	Type Examination Certificate			Confirmation Environmental Confirmations

Further information

Information on the packaging

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

Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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=3RK1405-1SG15-0AA2>

Cax online generator

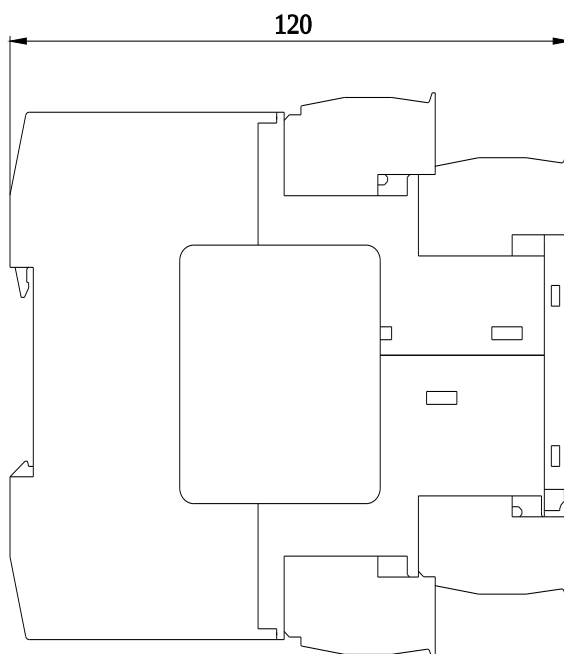
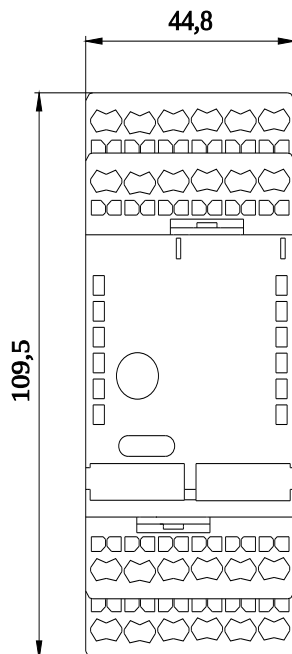
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1405-1SG15-0AA2>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3RK1405-1SG15-0AA2>

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

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK1405-1SG15-0AA2&lang=en



last modified:

4/1/2025 