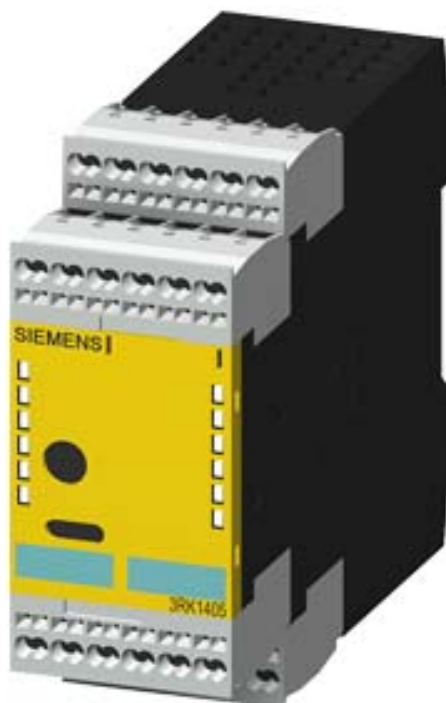




ASIsafe SlimLine module S45F digital safety IP20 1F-RQ/3DI/2DQ 1 x safe output Relay 2-channel 3 x standard input 2 x standard output 24 V DC spring-type terminals Width 45 mm

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 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		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 • induction protection • watchdog		built-in built-in built-in
Status display • display of I/Os • display of Uaux • display of AS-Interface/diagnostics		yellow LED green LED green/red LED
Ambient conditions		
Ambient temperature • during operation • during storage	°C °C	-25 ... +70 -40 ... +85
Protection class IP		IP20
Mechanical data		
Width	mm	45
Height	mm	107.7
Depth	mm	120
Mounting type		standard rail mounting/wall mounting
Certificates/approvals		

General Product Approval	EMC	Functional Safety/Safety of Machinery	Declaration of Conformity
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CSA



UL



RCM

[Type Examination Certificate](#)



EG-Konf.

Declaration of Conformity	Shipping Approval
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[Miscellaneous](#)



ABS



LRS



PRS



RINA



RMRS

other

[Confirmation](#)

Further information

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

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

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=3RK1405-1SG15-0AA2>

Cax online generator

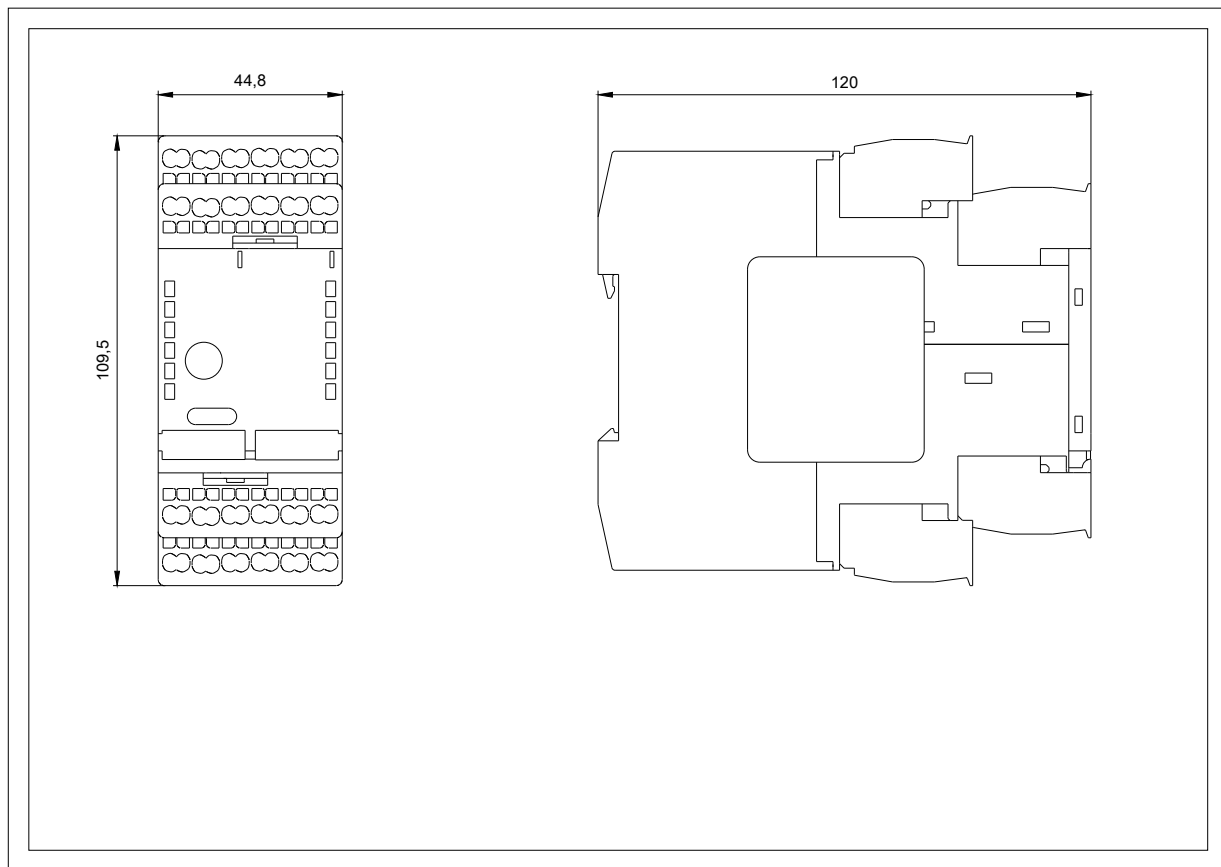
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK1405-1SG15-0AA2>

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:

10/17/2019