

AS-INTERFACE SAFE SLIMLINE MODULE S45F 1F-RO/3DI/2DO, IP20, SPRING-LOADED CONNECTION WIDTH 45MM

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
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		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

<ul style="list-style-type: none"> • induction protection • watchdog 		built-in built-in
Status display <ul style="list-style-type: none"> • display of I/Os • display of Uaux • display of AS-Interface/diagnostics 		yellow LED green LED green/red LED

Ambient conditions:

Ambient temperature <ul style="list-style-type: none"> • 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	Declaration of Conformity	Shipping Approval
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Shipping Approval	other
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[Environmental Confirmations](#)

[Declaration of Conformity](#)

other

[Confirmation](#)

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

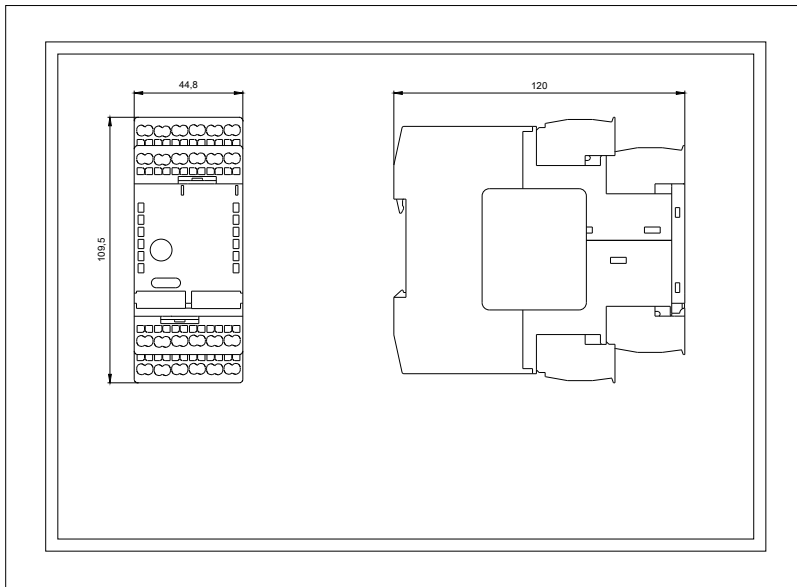
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK14051SG150AA2>

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

<http://support.automation.siemens.com/WW/view/en/3RK14051SG150AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK14051SG150AA2&lang=en>



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