



AS-INTERFACE SAFE SLIMLINE MODULE S45F 1F-RO/3DI/2DO, IP20, SCREW 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		screw terminal
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	105.9
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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[Confirmation](#)

[Environmental Confirmations](#)

other

[Declaration of Conformity](#)

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

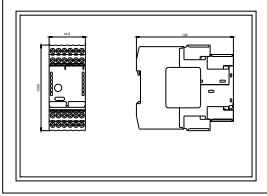
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK14051SE150AA2>

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

<http://support.automation.siemens.com/WW/view/en/3RK14051SE150AA2/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK14051SE150AA2&lang=en>



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