

ASISAFE COMPACT MODULE K45F LS, TYPE 2
(LIGHT SENSOR), FOR TESTING SEMI-CONDUCTOR
OUTPUTS SENSOR POWER SUPPLY FROM AS-I,
MAX.CURRENT CARRYING CAP. 200MA

General technical data:		
Design of the product		Safe compact module K45F LS, TYPE2
I/O configuration		0
ID/ID2 code		B/1
Protocol is supported AS-interface protocol		Yes
Number I/O sockets		3
Type of electrical connection of the inputs and outputs		M12
operating voltage according to AS-Interface specification	V	26.5 ... 31.5
AS interface total current input max	mA	270
Ground terminal		Flat male tab, 2.8mm width
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 safety-related		2
Inputs		electronic input
<ul style="list-style-type: none"> • sensors 		15
<ul style="list-style-type: none"> • switching level High 		5
<ul style="list-style-type: none"> • switching level Low 		5
Input current at digital input for signal <1> minimum	mA	5

Outputs:		
Type of voltage of output voltages		DC
Status display		yellow LED
<ul style="list-style-type: none"> • display of I/Os 		green/red LED
<ul style="list-style-type: none"> • display of AS-Interface/diagnostics 		

Ambient conditions:		
Ambient temperature		
<ul style="list-style-type: none"> • during operation 	°C	-25 ... +70
<ul style="list-style-type: none"> • during storage 	°C	-40 ... +85
Protection class IP		IP67

Mechanical data:

Width	mm	45
Height	mm	80
Depth	mm	34
Mounting type		standard rail mounting/wall mounting using mounting plate for K45 compact module

Certificates/ approvals:

General Product Approval	Functional Safety/Safety of Machinery	Declaration of Conformity
 CSA	 UL	 EG-Konf.
 GOST	 EAC	Type Examination Certificate

Shipping Approval	other
 ABS	Confirmation
 LRS	
 PRS	
 RINA	
 RMRS	

other	
Environmental Confirmations	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

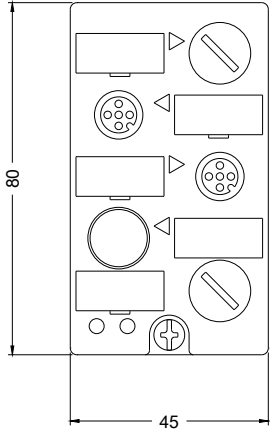
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK12050BQ210AA3>

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

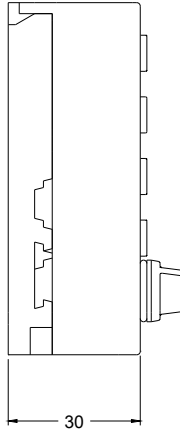
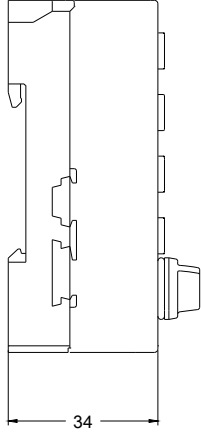
<http://support.automation.siemens.com/WW/view/en/3RK12050BQ210AA3/all>

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

<http://www.automation.siemens.com/bilddb/index.aspx?attID9=3RK12050BQ210AA3&lang=en>



last modified:



09.03.2015