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Product data sheet 3RK1405-0BQ20-0AA3

ASISAFE MODULE K45F TWO SAFE INPUTS 2FDI AND TWO STANDARD OUTPUTS 2DO MOUNTING PLATE 3RK19012EA00 TO BE ORDERED SEPARATELY (CAT.: SAFETY CATEGORY TO EN 954-1). 2 X STANDARD OUTPUTS 150MA,
OUTPUT SUPPLY FROM U_ASI. 4 X M12 SOCKET. MOUNTING PLATE 3RK19012EA00 TO BE ORDERED SEPARATELY.

General technical data:		
Design of the product		Safe compact module K45F, 2F-DI/2DO
Type		2 inputs, safe, 2 outputs, standard
I/O configuration		7
ID/ID2 code		B/0
Protocol / is supported / AS interface protocol		Yes
Number / I/O sockets		4
Design of the electrical connection / of the inputs and outputs		M12
operating voltage		
• according to AS-Interface spezification	V	26.5 … 31.5
AS interface / total current input / max	mA	250
Addressing		front addressing socket
Reference code		
• according to DIN 40719 extended according to IEC 204-2 / according to IEC 750		A
• according to DIN EN 61346-2		A

Inputs:		
Number of digital inputs / safety-related		2
Inputs		
• sensors		mechanical switching contact

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• switching level High		contact closed
• switching level Low		contact open
Input current / at the digital input / for signal <1> / minimum	mA	5
Design of the pin assignment / of the inputs		special assignement

Outputs:		
Number of digital outputs		2
Voltage type / of output voltages		DC
Outputs / external power supply 24 V DC		via AS-Interface
Design of the switching output		solid state
Design of the pin assignment / of the outputs		standard assignement
Characteristic feature of the output / short-circuit protected		Yes
Outputs		
• short-ciruit protection		built-in
• induction protection		built-in
• watchdog		built-in

Status display		
• display of I/Os		yellow LED
• display of AS-Interface/diagnostics		green/red LED

Ambient conditions:		
Ambient temperature		
• during operating	°C	-25 … +70
• during storage	°C	-40 … +85
Protection class IP		IP67

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

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General Product Approval				Functional Safety / Safety of Machinery	Declaration of Conformity
CSA		GOST	UL	VDE	EG-Konf.

Shipping Approval					
ABS	BUREAU VERITAS	LRS	PRS	RINA	RMRS

other			
Confirmation	Declaration of Conformity	other	Environmental Confirmations

Further information:

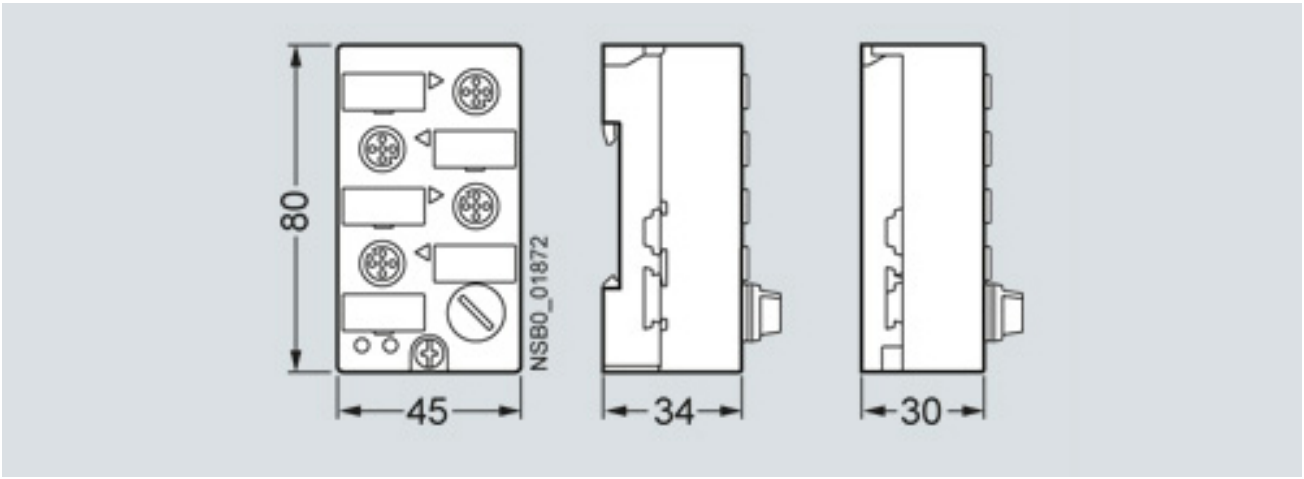
Information- and Downloadcenter (Catalogs, Brochures,…)
http://www.siemens.com/industrial-controls/catalogs

Industry Mall (Online ordering system)
http://www.siemens.com/industrial-controls/mall

CAx-Online-Generator
http://www.siemens.com/cax

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)
http://support.automation.siemens.com/WW/view/en/3RK1405-0BQ20-0AA3/all

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, ...)
http://www.automation.siemens.com/bilddb/cax_en.aspx?mlfb=3RK1405-0BQ20-0AA3



last change: Mar 31, 2014

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