



SLAVE 1: ASISAFE COMPACT MODULE K45F, IP67, DIGITAL, 4F-DI, 4 X SAFE INPUT CAT. 1/2 OR 2 X SAFE INPUT CAT. 3/4 (CAT.: SAFETY CATEGORY ACCORDING TO EN 954-1); 4 X M12 SOCKET. MODULE USES 2 AS-I ADDRESSES. MODULE IS ASSIGNED TO 2 AS-I ADDRESSES. MOUNTING PLATE 3RK19012EA00 TO BE ORDERED SEPARATELY.

General technical data:		
Design of the product		Safe compact module K45F, 4F-DI
I/O configuration		0
ID/ID2 code		B/F
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 spezifikation	V	26.5 ... 31.5
AS interface / total current input / max	mA	70
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		4
Inputs		
• sensors		mechanical switching contact
• 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 assignment

Outputs:

Voltage type / of output voltages

DC

Status display

- display of I/Os
- display of AS-Interface/diagnostics

yellow LED

green/red LED

Ambient conditions:

Ambient temperature

- during operating
- during storage

°C

-25 ... +70

°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

General Product Approval

Functional Safety /
Safety of
Machinery

Declaration of
Conformity



Shipping Approval



other

[Confirmation](#)

[Declaration of
Conformity](#)

[other](#)

[Environmental
Confirmations](#)

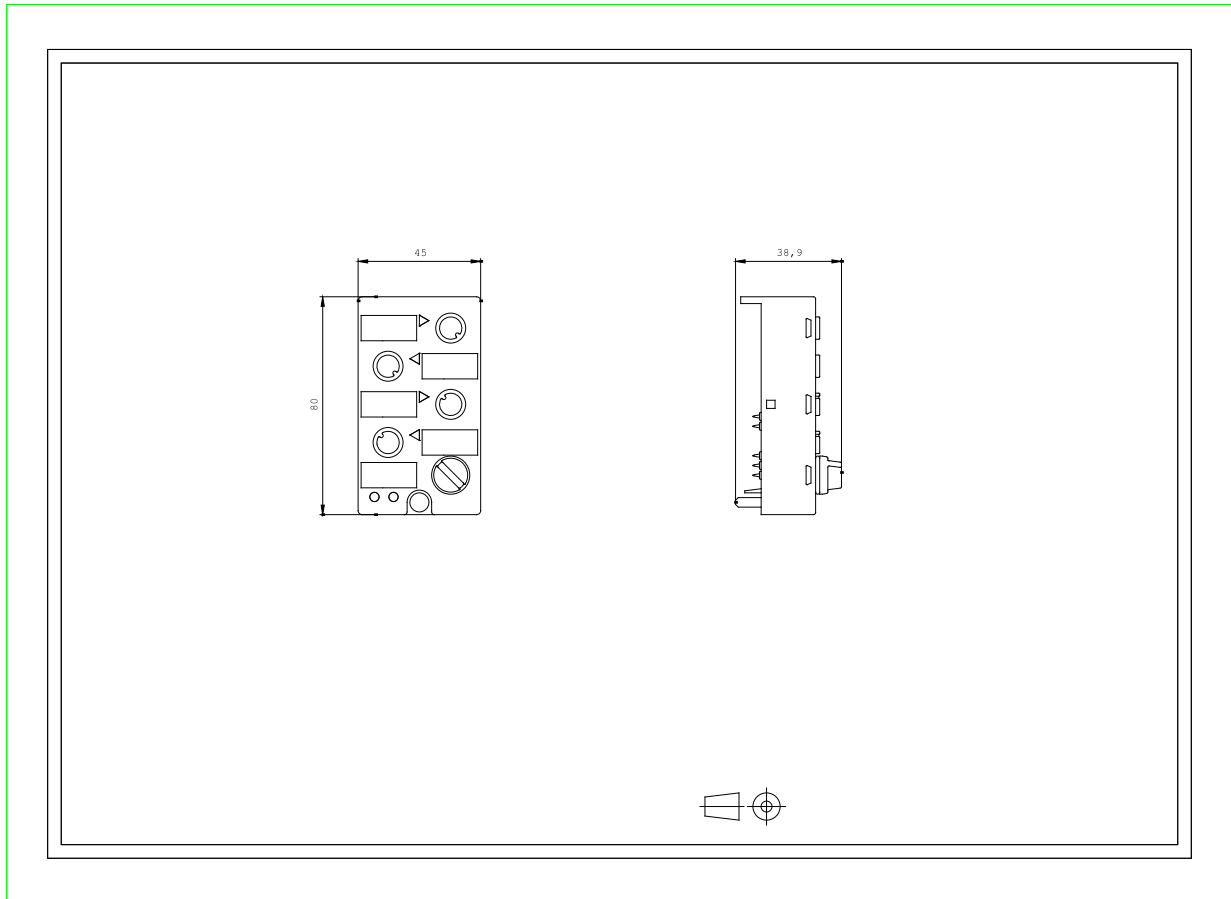
Further information:

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

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

Industry Mall (Online ordering system)

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



last change:

Jul 21, 2014