



AS-INTERFACE COMPACT MOD. K60, DIGITAL,
8I, IP67 8 X 1 INPUT, 200MA MAX.,
PNP 4 X M12 STANDARD SOCKET 4 X M12 SOCKET W. Y
-II-ASSIGNM. FOR INPUT CONNECTIONS MOUNTING
PLATE 3RK19010CA00 TO TO BE ORDERED
SEPARATELY

General technical data:		
Design of the product		digital I/O modules for operation in the field, IP67 - K60
Type		8 inputs
Design of the slave type		standard slave
I/O configuration		0
ID/IID2 code		1/F
Number / I/O sockets		8
Design of the electrical connection / of the inputs and outputs		M12 screw-type terminals
AS interface / total current input / max	mA	270
operating voltage		
• according to AS-Interface spezifikation	V	26.5 ... 31.6
Ground terminal		PIN5 of each M12 socket is connected to the grounding wrist strap in the mounting plate using a pin
Addressing		front addressing socket
Delivery note		the modules are delivered without mounting plate
note		module requires two addresses
Note 1		All K60 compact modules are delivered with stainless steel screws/sockets

Sensor supply:		
Type of voltage supply / for the sensor supply		using AS-Interface

Input voltage	V	20 ... 30
Characteristic feature of the sensor supply / short-circuit and overload resistant		Yes
Current carrying capacity / of the sensor supply / for all inputs • at ambient temperature 40 °C	mA	200

Inputs:		
Number of digital inputs		8
Type of connection		2- and 3-wire technology
Input circuit		PNP transistor
Type of / input voltages		DC
Inputs / switching level High / min	V	10
Input current / at the digital input • for signal <1> / minimum • at signal <0> / maximum	mA	6
	mA	1.5
Inputs • sensor supply using AS-Interface • socket assignment • PIN 1 • PIN 2 • PIN 3 • PIN 4 • PIN 5		short-circuit and overload resistant sensor supply L+ data input II sensor supply L- data input I ground terminal
Design of the pin assignment / of the inputs		Y-II assignment

Outputs:		
Number of digital outputs		0
Outputs / external power supply 24 V DC		not required
Design of the pin assignment / of the outputs		Y-II assignment
Outputs • watchdog		not required

Assignment of the data bits:		
Assignment of data bits • socket • socket 2 • socket 3 • socket 4 • socket 5 • socket 6 • socket 7		PIN 4 = IN1 (D0) (addr. 1), PIN 2 = IN2 (D1) (addr. 1) PIN 4 = IN2 (D1) (addr. 1) PIN 4 = IN3 (D2) (addr. 1), PIN 2 = IN4 (D3) (addr.1) PIN 4 = IN4 (D3) (addr. 1) PIN 4 = IN1 (D0) (addr. 2), PIN 2 = IN2 (D1) (addr. 2) PIN4 = IN2 (D1) (addr. 2) PIN4 = IN3 (D2) (addr. 2), PIN2 = IN4 (D3) (addr. 2)

- socket 8

PIN4 = IN4 (D3) (addr. 2)

Ambient conditions:

Ambient temperature

- during operating
- during storage

°C -25 ... +85
°C -40 ... +85

Protection class IP

IP67

Status display:

Status display / display of I/Os

yellow LED

Status display / display of Uaux

not required

Status display / display of AS-Interface/diagnostics

green/red LED

Mechanical design:

Width

mm 60

Height

mm 152

Depth

mm 29

Mounting type

standard rail mounting/wall mounting using mounting plate for K60 compact module

Certificates/approvals:

AS-Interface certificate

yes (or requested for in case of new units)

Approvals

UL, CSA, shipbuilding (or requested for in case of new units)

General Product Approval



Shipping Approval



other

[Confirmation](#)

[Declaration of
Conformity](#)

[other](#)

[Environmental
Confirmations](#)

Further information:

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

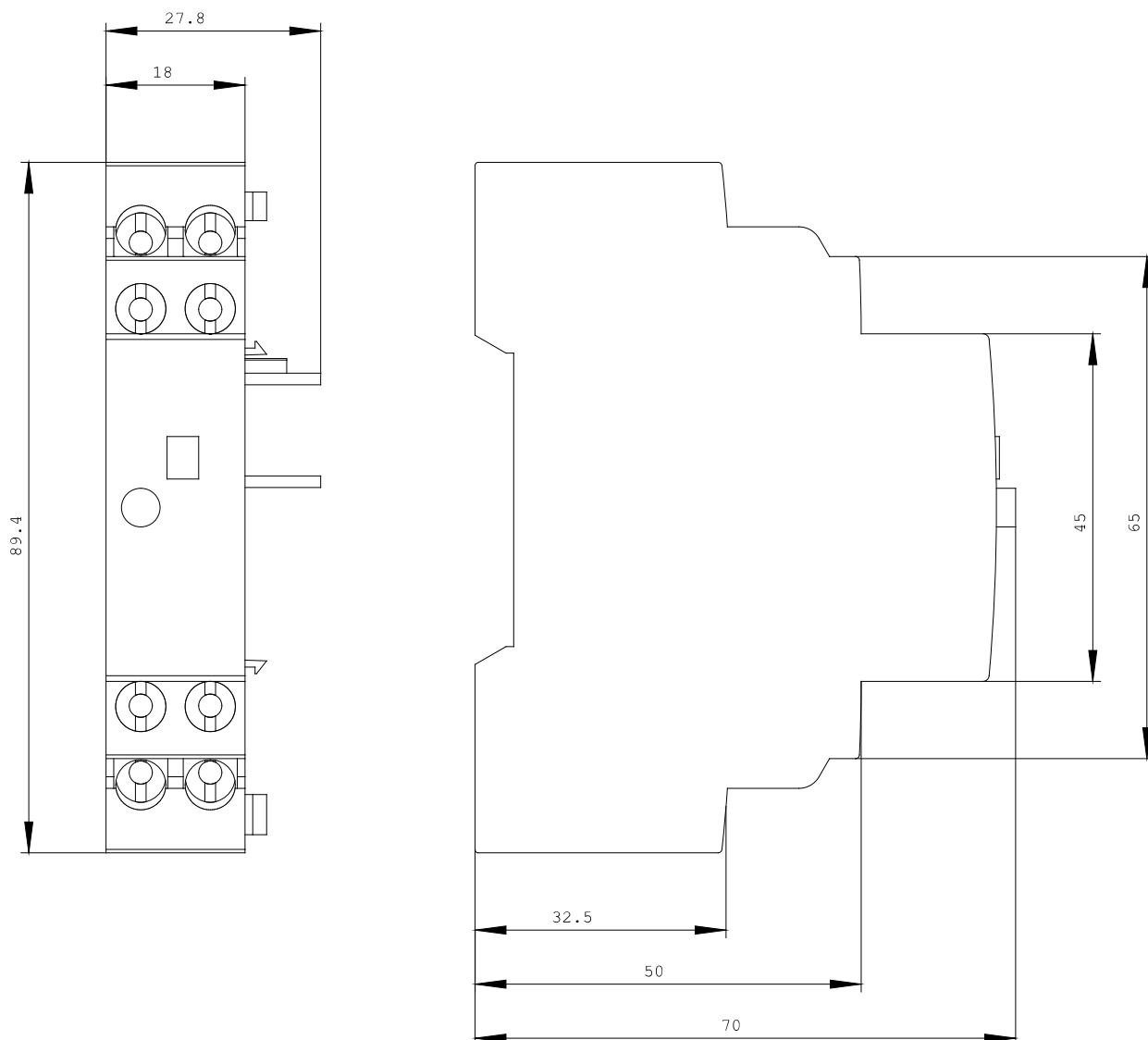
<http://www.siemens.com/industrial-controls/catalogs>

Industry Mall (Online ordering system)

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

CAX-Online-Generator

<http://www.siemens.com/cax>



last change:

Jun 16, 2014