



Figure similar

SIPLUS S7-1200 CM 1243-2 based on 3RK7243-2AA30-0XB0 with conformal coating, -25...+70 °C, S7-1200, CM 1243-2 communications module AS-Interface master according to AS-i specification V3.0

General technical data		
product designation		SIPLUS AS-Interface master
product type designation		CM 1243-2
protection class IP		IP20
type of electrical connection of the AS-Interface		Screw-type connection
type of voltage supply		via backplane bus
consumed current		
• from profile conductors of the AS-Interface		
— at 30 V maximum	mA	100
• from backplane bus maximum	mA	250
power loss [W]	W	2.9
insulation voltage rated value	V	500
product feature redundancy capability		No
product function suitable for AS-i Power24V		Yes
• note		All product versions
display version		
• as status display by LED		AS-i, PF, CM, CER, DIAG
type of configuration of the AS-Interface		With STEP7, command interface
Communication/ Protocol		
version of the AS-Interface specification		V 3.0
AS-Interface master profile is supported		M4 (in acc. with AS-interface specification V 3.0)
type of data transmission		S7-1200 backplane bus
number of units per CPU maximum		3
number of units per CPU maximum note		Max. 3 communication modules in total (CM /CP)
number of interfaces		
• as AS-Interface		1
• according to USB		0
protocol is supported		
• TCP/IP		No
Inputs/ Outputs		
number of inputs for AS-Interface maximum		496
number of outputs for AS-Interface maximum		496
number of AS-i devices per AS-Interface maximum		62
access to digital I/O data		via process image/peripheral addresses
access to analog I/O data		via process diagram/peripheral addresses and data record transfer
Mechanical data		
fastening method		snap-on fastening on 35 mm DIN rail

<b>module format</b>		S7-1200 design
<b>Ambient conditions</b>		
<b>ambient temperature</b>		
<ul style="list-style-type: none"> <li>if installed on horizontal mounting rail during operation</li> </ul>	°C	0 ... 55
<ul style="list-style-type: none"> <li>if installed on vertical mounting rail during operation</li> </ul>	°C	-25 ... +70
<b>installation altitude at height above sea level maximum</b>	m	2 000
<b>Safety related data</b>		
<b>explosion protection marking for intrinsic safety of related equipment</b>		
<ul style="list-style-type: none"> <li>EEx ia</li> </ul>		No
<ul style="list-style-type: none"> <li>EEx ib</li> </ul>		No
<b>explosion protection category for gas</b>		none
<b>explosion protection category for dust</b>		none
<b>Certificates/ approvals</b>		
General Product Approval		



[Manufacturer Declaration](#)



[China RoHS](#)



[China RoHS](#)

General Product Approval

For use in hazardous locations



#### Further information

##### Information on the packaging

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

##### Information for data generation and storage

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

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

<https://www.siemens.com/ic10>

##### Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6AG1243-2AA30-7XB0>

##### Cax online generator

<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6AG1243-2AA30-7XB0>

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

<https://support.industry.siemens.com/cs/ww/en/ps/6AG1243-2AA30-7XB0>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=6AG1243-2AA30-7XB0&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6AG1243-2AA30-7XB0&lang=en)

last modified:

4/17/2025