

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



Figure similar

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 backplane bus maximum	mA	250
Insulation voltage rated value	V	500
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 STEP 7, 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		1
• as AS-Interface		

<b>Inputs/ Outputs</b>		
Number of inputs for AS Interface maximum		496
Number of outputs for AS Interface maximum		496
Number of AS-i slaves 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

<b>Mechanical data</b>		
Mounting type		snap-on fastening on 35 mm standard rail
Module format		S7-1200 design

<b>Ambient conditions</b>		
<b>Ambient temperature</b>		
• if installed on horizontal mounting rail	°C	0 ... 55
• if installed on vertical mounting rail during operation	°C	-25 ... +70
Installation altitude at height above sea level maximum	m	2 000

<b>Safety related data</b>		
Explosion protection category for gas		none
Explosion protection category for dust		none

### Certificates/ approvals

### Further information

**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**

<http://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, ...)**

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

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