



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 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		
• as AS-Interface		1
Inputs/ Outputs		
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
Mechanical data		
fastening method		snap-on fastening on 35 mm standard rail
module format		S7-1200 design
Ambient conditions		
ambient temperature		
• 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
Safety related data		

explosion protection category for gas		none
explosion protection category for dust		none
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		

last modified: 9/6/2022 