



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 | | |
| <ul style="list-style-type: none"> from profile conductors of the AS-Interface <ul style="list-style-type: none"> — at 30 V maximum | mA | 100 |
| <ul style="list-style-type: none"> 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 |
| <ul style="list-style-type: none"> note | | All product versions |
| display version | | |
| <ul style="list-style-type: none"> 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 | | |
| <ul style="list-style-type: none"> as AS-Interface | | 1 |
| <ul style="list-style-type: none"> according to USB | | 0 |
| protocol is supported | | |
| <ul style="list-style-type: none"> 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 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 DIN rail |
| module format | | S7-1200 design |
| Ambient conditions | | |

| | | |
|---|----|---------------------------------------|
| ambient temperature | | |
| • if installed on horizontal mounting rail during operation | °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 marking for intrinsic safety of related equipment | | |
| • EEx ia | | No |
| • EEx ib | | No |
| explosion protection category for gas | | none |
| explosion protection category for dust | | none |
| Certificates/ approvals | | |
| General Product Approval | | For use in hazardous locations |

[Miscellaneous](#)



[Manufacturer Declaration](#)



Further information

Information on the packaging

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

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

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