



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 | | |
| <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 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 | | |
| <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 |

Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

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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