SIEMENS

## Data sheet 6AG1243-2AA30-7XB0



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 |


© Copyright Plcbin

| | | |
|---|---|---|
| **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**

Manufacturer Declaration | China RoHS | China RoHS

| General Product Approval | For use in hazardous locations |
|---|---|

## Further information

**Information on the packaging**
https://www.plcbin.com/?s=6AG1243-2AA30-7XB0

**Information for data generation and storage**
https://www.plcbin.com/?s=6AG1243-2AA30-7XB0

**Information- and Downloadcenter (Catalogs, Brochures,…)**
https://www.plcbin.com/?s=6AG1243-2AA30-7XB0

**Industry Mall (Online ordering system)**
https://www.plcbin.com/?s=6AG1243-2AA30-7XB0

**Cax online generator**
https://www.plcbin.com/?s=6AG1243-2AA30-7XB0

**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**
https://www.plcbin.com/?s=6AG1243-2AA30-7XB0

**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**
https://www.plcbin.com/?s=6AG1243-2AA30-7XB0

**last modified:** 4/17/2025


© Copyright Plcbin