



SIRIUS, interface module DP interface, for modular safety system 3RK3 PROFIBUS DP interface 12 Mbps, RS 485 45 mm overall width screw terminal can be parameterized via Safety ES without connection cable

| | | |
|-----------------------|--|-----------------------|
| product brand name | | SIRIUS |
| product category | | Modular safety system |
| product designation | | Interface module |
| design of the product | | DP-Interface |

General technical data

| | | |
|-------------------------------------------------|--|-----------------------|
| protection class IP | | IP20 |
| shock resistance | | 15g / 11 ms |
| degree of pollution | | 2 |
| certificate of suitability UL approval | | Yes |
| vibration resistance according to IEC 60068-2-6 | | 5 ... 500 Hz: 0.75 mm |
| reference code according to DIN 40719 extended | | K |
| according to IEC 204-2 according to IEC 750 | | |
| reference code according to EN 61346-2 | | K |

Communication/ Protocol

| | | |
|------------------------------------------------------------------------|--|-----|
| protocol is supported | | Yes |
| <ul style="list-style-type: none"> PROFIBUS DP protocol | | |

Control circuit/ Control

| | | |
|-----------------------------------------|----|----|
| type of voltage | | DC |
| inrush current peak at 24 V | A | 70 |
| duration of inrush current peak at 24 V | ms | 1 |

Installation/ mounting/ dimensions

| | | |
|-------------------|----|---------------|
| fastening method | | standard rail |
| mounting position | | vertical |
| width | mm | 45 |
| height | mm | 111 |
| depth | mm | 124 |

Connections/ Terminals

| | | |
|-------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------------------------------|
| type of electrical connection | | screw-type terminals |
| connectable conductor cross-section for auxiliary contacts | | |
| <ul style="list-style-type: none"> solid or stranded | mm ² | 0.5 ... 4 |
| <ul style="list-style-type: none"> finely stranded — with core end processing | mm ² | 0.5 ... 2.5 |
| type of connectable conductor cross-sections for auxiliary contacts | | |
| <ul style="list-style-type: none"> solid | | 1x (0.5 ... 4 mm ²), 2x (0.5 ... 2.5 mm ²) |
| <ul style="list-style-type: none"> finely stranded — with core end processing | | 1x (0.5 ... 2.5 mm ²), 2x (0.5 ... 1.5 mm ²) |
| AWG number as coded connectable conductor cross section | | |
| <ul style="list-style-type: none"> for auxiliary contacts | | 20 ... 14 |
| type of connectable conductor cross-sections at AWG | | |

| | | |
|--------------------------|--|----------------|
| cables | | |
| • for auxiliary contacts | | 2x (20 ... 14) |

Electromagnetic compatibility

| | | |
|--------------------------------------------------------------------------------|--|--------------------------|
| conducted interference due to burst according to IEC 61000-4-4 | | 2 kV (power ports) |
| conducted interference due to conductor-earth surge according to IEC 61000-4-5 | | Test Level 0.5 KV / 1 KV |

Ambient conditions

| | | |
|---------------------------------------------------------|----|-------------|
| installation altitude at height above sea level maximum | m | 2 000 |
| ambient temperature | | |
| • during operation | °C | -20 ... +60 |
| • during storage | °C | -40 ... +85 |
| • during transport | °C | -40 ... +85 |
| relative humidity during operation | % | 10 ... 95 |

Certificates/ approvals

| | | |
|--------------------------|-----|---------------------------------------|
| General Product Approval | EMC | Functional Safety/Safety of Machinery |
|--------------------------|-----|---------------------------------------|



[Confirmation](#)



[Miscellaneous](#)

| | | |
|---------------------------|-------------------|-------|
| Declaration of Conformity | Test Certificates | other |
|---------------------------|-------------------|-------|



[Type Test Certificates/Test Report](#)

[Confirmation](#)

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=3RK3511-1BA10>

Cax online generator

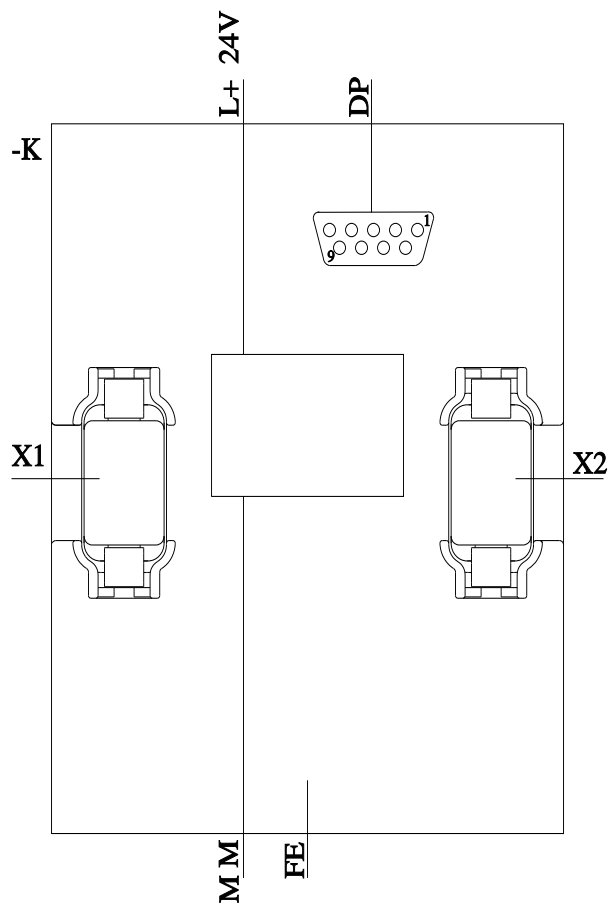
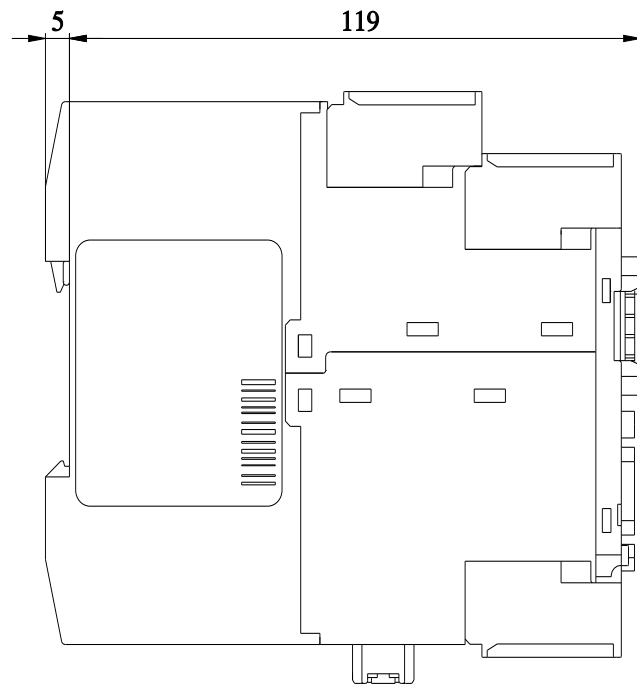
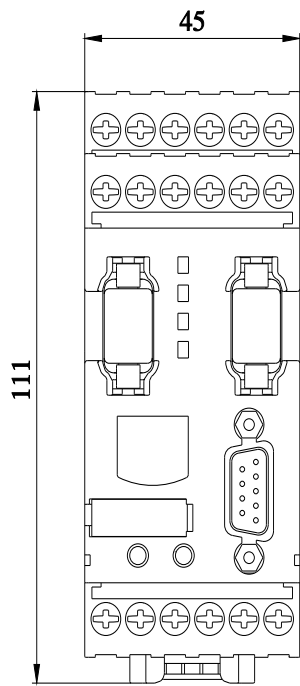
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3RK3511-1BA10>

Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/3RK3511-1BA10>

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RK3511-1BA10&lang=en



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