product data sheet

item no. R1.190.1230.0

# configurable control component SP-COP2-EN-P-A DC 24V

samosPRO-Compact module, 16 safe inputs, 4 safe outputs, 4 configurable safe I/O, presses, USB-Interface, Ethernet, Pluggable screw-terminals




| | |
|---|---|
| item no. | R1.190.1230.0 |
| EAN | 4049088366192 |
| order unit | 1 piece(s) |

## certificates / approvals

## technical data

**general**

| | |
|---|---|
| suitable for safety functions | yes |
| number of HW-interfaces industrial Ethernet | 1 |
| number of HW-interfaces USB | 1 |
| supporting protocol for EtherNet/IP | no |
| supporting MODBUS protocol | no |
| supporting protocol for PROFINET IO | no |
| supporting TCP/IP protocol | yes |
| SIL according to IEC 61508 | 3 |
| type of data transmission | serial |
| networkability | no |
| Erweiterbar | yes |
| programmable | yes |
| in-/outputs configurable | yes |

**connection data**

| | |
|---|---|
| type of electric connection | screw connection |
| detachable clamps | yes |

**application**

| | |
|---|---|
| with automatic closing | yes |
| function contactless working protection installation | yes |
| function operating mode selection | yes |
| function emergency stop | yes |
| function contacter monitoring | yes |
| function restart blockage | yes |
| function acces control | yes |
| function affirm pushbutton | yes |
| function 2-hand switching | yes |

| | |
|---|---|
| on delay timer | yes |
| off delay timer | yes |

**output circuit**

| | |
|---|---|
| number of outputs | 8 |
| output current | 4 A |
| short-circuit protection, outputs | yes |
| type of digital output | transistor |
| min. allowed output voltage | 16.2 V |
| max. allowed output voltage | 30 V |
| max. number of digital outputs, integrated | 8 |

**control circuit**

| | |
|---|---|
| min. rated DC voltage for controls | 15.6 V |
| max. rated DC voltage for controls | 30 V |
| number of inputs | 16 |
| input current with signal 1 | 2.3 mA |
| permitted voltage at input | 30 V |

**supply circuit**

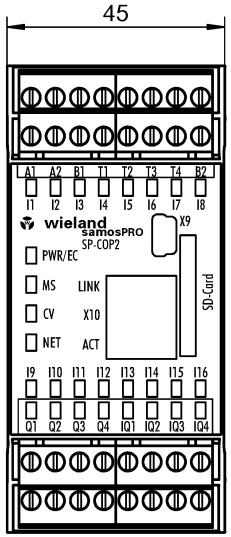
| | |
|---|---|
| nominal voltage DC | 24 V |
| min. supply voltage | 16.8 V |
| max. supply voltage | 30 V |

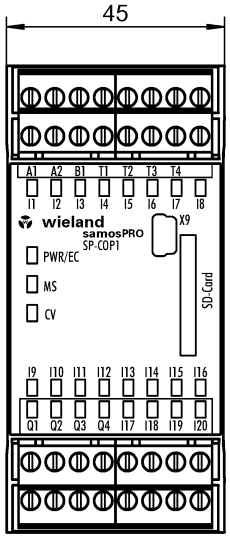
**dimensions**

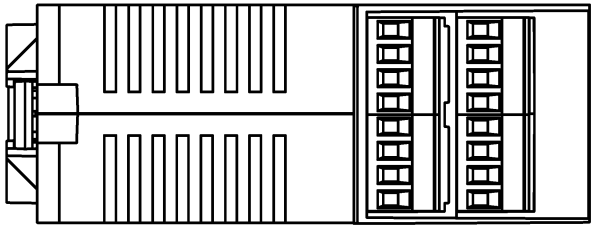
| | |
|---|---|
| depth | 115 mm |
| width | 45 mm |
| height | 96 mm |

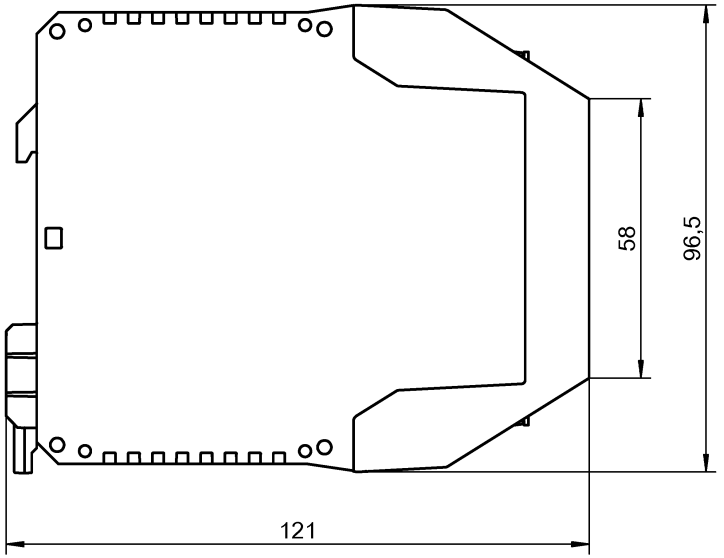
## accessories

| item no. | type | description |
|---|---|---|
| Z2.803.6010.0 | shield connection terminal WST 8 / TS 35 | Shield connection terminal block for mounting on TS 35; wire diameter 3 to 8 mm |
| 99.208.9999.9 | PCB connector SAFETY SCHRAUBKL.SET | |
| 99.209.9999.9 | safety plug set push in SAFETY PUSH IN SET | |
| R1.190.1000.0 | samosPRO samosPRO-Speicherkarte für SP-COP | samosPRO-Memory card for SP-COP |
| R1.190.1010.0 | samosPRO SP-CABLE-USB1 | samosPRO-USB cable for SP-COP, 1,8 m |
| R1.190.1020.0 | samosPRO SP-CABLE-ETH1 | samosPRO-Ethernet cable for SP-COP, 2 m |
| R1.190.1040.0 | coverage SP-COP Abdeckung | Cover SD-card for modules SP-COP |
| 56.202.8055.0 | initiator terminal WTP 1,5 I/O-3 | Initiator terminal with push in connection for mounting on TS 35,nominal cross section: 1,5 mm²,Width: 3,5 mm,Color: grey |






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| | Teile-Nr. / Part-No. | Typ / Type |
|---|---|---|
| | R1.190.1110.0 | SP-COP1-A |
| | R1.190.1130.0 | SP-COP1-P-A |
| ⓑ | R1.190.1150.0 | SP-COP1-M-A |
| | R1.190.1210.0 | SP-COP2-EN-A |
| | R1.190.1230.0 | SP-COP2-EN-P-A |
| ⓑ | R1.190.1250.0 | SP-COP2-EN-M-A |
| | R1.190.1310.0 | SP-COP2-ENI-A |
| | R1.190.1330.0 | SP-COP2-ENI-P-A |
| ⓑ | R1.190.1350.0 | SP-COP2-ENI-M-A |

Weitere Angaben siehe KATALOG oder eKatalog.
Additional data see CATALOG or eCatalog.

www.wieland-electric.com
eshop.wieland-electric.com

ja/yes ☒ Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance | CAD-Zeichnung, keine manuellen Änderungen CAD drawing, no manual modifications allowed | 1. Verwendung: First Use: | Blatt: Sheet:

Werkstoff / Material | Maßstab/Scale

| | 2015 | Tag/Date | Name |
|---|---|---|---|
| gezeichnet drawn | | 27.01. | Koetzner |
| geprüft checked | | | |
| Normgepr. Stand. check | | | |

Zeichnung Nr. / Drawing No.
T R1.190.1110.0 /01K

Maße in mm / Dimensions are in mm

Datei / File: 04158_B/R1.190.1110.0_01K.DCD | Ersatz für / Replacement for:

| Index | Datum / Blatt Date / Sheet | Änderung / Revision |
|---|---|---|
| ⓑ | 04.11.20 | |
| ⓐ | 19.07.16 | |

wieland
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Type

Benennung / Title: Teilespezifikation / Component specification
Schraubsteckblockklemme
samosPRO SP-COP1/2