



SIRIUS POSITION SWITCH, PLASTIC ENCLOSURE ACC. TO EN50041, 40MM 1NO/1NC SLOW-ACTION CONTACTS W. M12 CONNECTOR, 4-POLE PIN ASSIGNMENT: PIN1=21, PIN2=22, PIN3=13, PIN4=14, MAX.250V AND 4A, TEFLON PLUNGER

| | | |
|--|--|---|
| Product designation | | basic switch for standard position switches |
| Manufacturer article number | | |
| <ul style="list-style-type: none"> • of the supplied basic switch • of the supplied switching contacts | | 3SE5134-0BA00-1AC4 3SE5000-0BA00 |

General technical data:

| | | |
|--|----|--------------|
| Product function | | |
| <ul style="list-style-type: none"> • positive opening | | Yes |
| Insulation voltage | | |
| <ul style="list-style-type: none"> • Rated value | V | 250 |
| Degree of pollution | | class 3 |
| Shock resistance | | 30g / 11 ms |
| Vibration resistance | | 0.35 mm / 5g |
| Surge voltage resistance Rated value | kV | 2.5 |
| Mechanical service life (switching cycles) | | |
| <ul style="list-style-type: none"> • typical | | 15 000 000 |
| Electrical endurance (switching cycles) | | |
| <ul style="list-style-type: none"> • at AC-15 at 230 V typical | | 100 000 |
| Electrical endurance (switching cycles) with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 typical | | 10 000 000 |
| Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 | | 6 000 |
| Thermal current | A | 4 |
| Protection class IP | | IP67 |
| Equipment marking | | |

| | | |
|--|----|------------|
| <ul style="list-style-type: none"> • acc. to DIN EN 61346-2 • acc. to DIN EN 81346-2 | | B B |
| Active principle | | mechanical |
| Repeat accuracy | mm | 0.05 |
| Explosion protection category for dust | | none |
| Explosion protection category for gas | | none |
| Minimum actuating force in activation direction | N | 20 |
| Operating current at AC-15 | | |
| <ul style="list-style-type: none"> • at 230 V Rated value | A | 3 |
| Operating current | | |
| <ul style="list-style-type: none"> • at DC-13 at 125 V Rated value | A | 0.55 |
| Operating current | | |
| <ul style="list-style-type: none"> • at DC-13 — at 24 V Rated value | A | 3 |

| | | |
|---|--|---------------|
| Enclosure: | | |
| Design of the housing | | block, narrow |
| Material of the enclosure | | plastic |
| Coating of the enclosure | | Other types |
| Design of the housing acc. to standard | | Yes |

| | | |
|--|--|--|
| Drive Head: | | |
| Design of the operating mechanism | | without |
| Design of the switching function | | Positive opening with appropriate positive opening actuator head |

| | | |
|--------------------------------------|--|-----------------|
| Connections/ Terminals: | | |
| Type of electrical connection | | M12 plug, fixed |

| | | |
|-------------------------------------|--|--|
| Mechanical data: | | |
| Cable entry type | | M12 plug |
| Design of plug-in connection | | M12 connector, 4-pole: pin 1= terminal 21, pin 2= 22, pin 3= 13, pin 4= 14 |

| | | |
|---------------------------------|--|---------|
| Communication/ Protocol: | | |
| Design of the interface | | without |

| | | |
|--|----|-------------|
| Ambient conditions: | | |
| Ambient temperature | | |
| <ul style="list-style-type: none"> • during operation | °C | -25 ... +85 |
| <ul style="list-style-type: none"> • during storage | °C | -40 ... +90 |

| | | |
|--|--|--------------|
| Installation/ mounting/ dimensions: | | |
| mounting position | | any |
| Mounting type | | screw fixing |

| | | |
|---------------------------------|--|--|
| Certificates/ approvals: | | |
|---------------------------------|--|--|



CCC



CSA



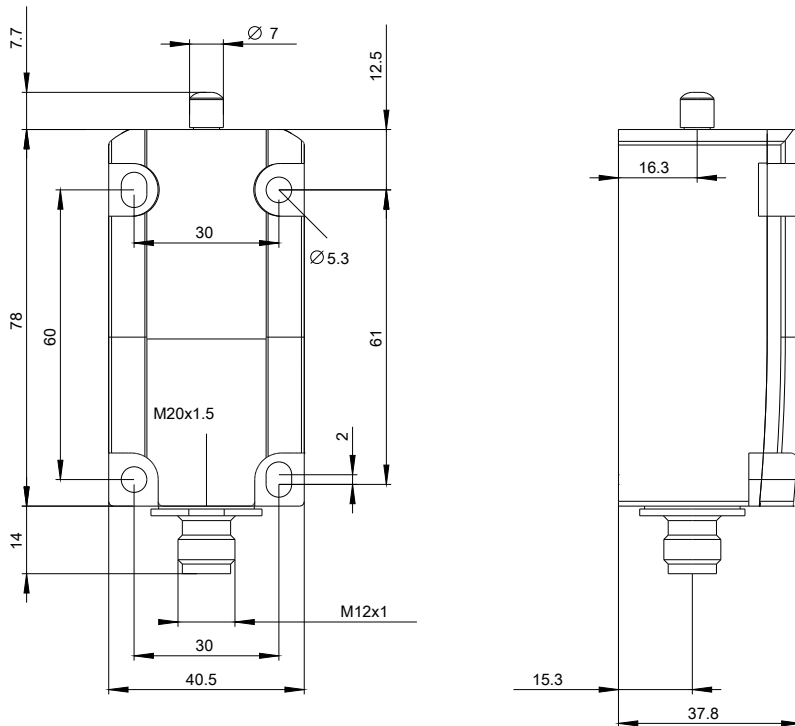
UL



EG-Konf.

[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)<http://www.siemens.com/industrial-controls/catalogs>**Industry Mall (Online ordering system)**<http://www.siemens.com/industrymall>**Cax online generator**<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE51340BA001AC4>**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**<http://support.automation.siemens.com/WW/view/en/3SE51340BA001AC4/all>**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE51340BA001AC4&lang=en

last modified:

09.03.2015