



COMPACT SWITCH 40MM WIDE WITH M12 CONNECTOR SNAP-ACTION CONTACTS 1NO+1NC ROLLER PLUNGER,

| | | |
|--|----------------|--------------|
| Product designation | compact switch | |
| General technical data: | | |
| Product function | | Yes |
| <ul style="list-style-type: none"> • positive opening | | |
| Insulation voltage | | |
| <ul style="list-style-type: none"> • Rated value | V | 400 |
| Degree of pollution | | 3 |
| Shock resistance | | 30g / 11 ms |
| Vibration resistance | | 0.35 mm / 5g |
| Surge voltage resistance Rated value | kV | 4 |
| Mechanical service life (switching cycles) | | |
| <ul style="list-style-type: none"> • typical | | 10 000 000 |
| 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 | | 500 000 |
| Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 | | 1 800 |
| Thermal current | A | 10 |
| Material of the enclosure of the switch head | | metal |
| 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 | | |
| • at 230 V Rated value | A | 3 |
| Operating current | | |
| • at DC-13 at 125 V Rated value | A | 0.55 |

Enclosure:

| | | |
|---|--|---------|
| Design of the housing | | block |
| Material of the enclosure | | metal |
| Coating of the enclosure | | painted |
| Design of the housing acc. to standard | | No |

Drive Head:

| | | |
|--|--|---------------------|
| Design of the operating mechanism | | rounded plunger |
| Shape of the switch head | | rounded |
| Design of the switching function | | snap-action contact |

Connections/ Terminals:

| | | |
|--------------------------------------|--|-------------------------|
| Type of electrical connection | | M12 plug, fixed, 5-pole |
|--------------------------------------|--|-------------------------|

Mechanical data:

| | | |
|-------------------------------------|--|---|
| Design of plug-in connection | | M12 connector, 5-pole: pin 1= terminal BK, pin 2= BK/WH, pin 3= BU, pin 4= BN, pin 5= GN/YE |
|-------------------------------------|--|---|

Communication/ Protocol:

| | | |
|--------------------------------|--|---------|
| Design of the interface | | without |
|--------------------------------|--|---------|

Ambient conditions:

| | | |
|----------------------------|----|-------------|
| Ambient temperature | | |
| • during operation | °C | -25 ... +85 |
| • during storage | °C | -25 ... +85 |

Installation/ mounting/ dimensions:

| | | |
|--------------------------|--|--------------|
| mounting position | | any |
| Mounting type | | screw fixing |

Certificates/ approvals:

| | | |
|--------------------------|---------------------------|-------|
| General Product Approval | Declaration of Conformity | other |
|--------------------------|---------------------------|-------|



[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

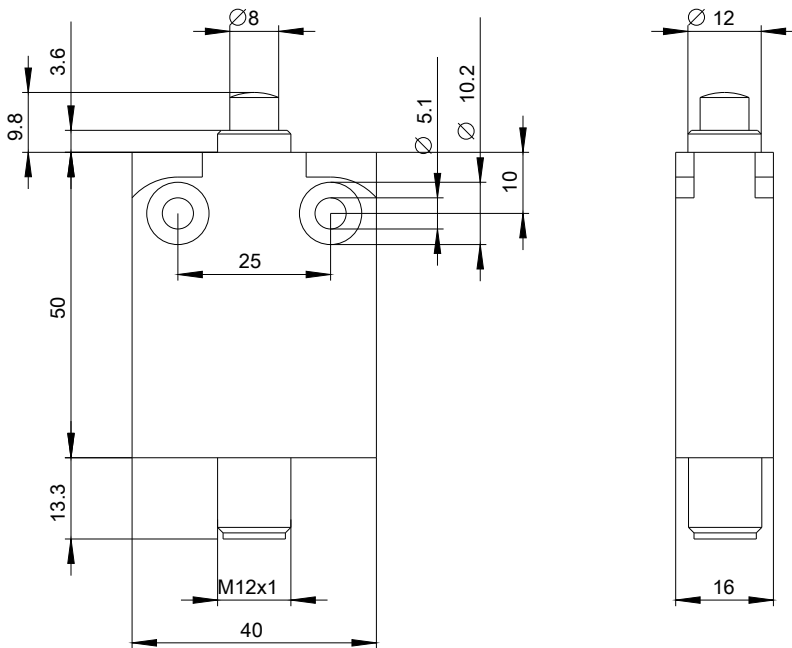
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE54230CC201EB1>

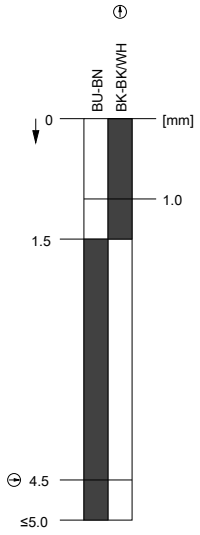
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<http://support.automation.siemens.com/WW/view/en/3SE54230CC201EB1/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=3SE54230CC201EB1&lang=en





last modified:

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