

SAFETY POS. SWITCH W. SEPARATE ACTUATOR, METAL ENCLOSURE 40MM, EN 50041, 1NO/2NC SLOW-ACTION CONTACTS W. CONNECTOR 6+PE TO EN43651 PLASTIC; MAX.250V, 6A; 5 DIRECTIONS OF APPROACH PIN ASSIGN.: PIN1=21, PIN2=22, PIN3=13, PIN4=14, PIN5=31, PIN6=32 AND PE CONNECTED, WITH SUITABLE CABLE PLUG 3SY3126

| | | |
|--|--|---|
| Product designation | | position switch with separate actuator |
| Manufacturer article number <ul style="list-style-type: none"> of the optional actuators | | 3SE5000-0AV01 standard actuator, 3SE5000-0AV02 actuator with vertical mounting, 3SE5000-0AV03 actuator with horizontal mounting, 3SE5000-0AV04 radius actuator left, 3SE5000-0AV05 universal actuator, 3SE5000-0AV06 radius actuator right, 3SE5000-0AV07 heavy-duty actuator, 3SE5000-0AW11 plastic actuator, 3SE5000-0AW21 stainless steel actuator |

| 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 | | 1 000 000 |
| 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 | | 1 000 000 |
| Electrical operating cycles in one hour with contactor 3RH11, 3RT1016, 3RT1017, 3RT1024, 3RT1025, 3RT1026 | | 6 000 |
| Thermal current | A | 6 |
| Material of the enclosure of the switch head | | metal |
| Protection class IP | | IP65 |
| 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 | 1.5 |
| 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 | | metal |
| Coating of the enclosure | | cathodic immersion coating |
| Design of the housing acc. to standard | | Yes |

Drive Head:

| | | |
|--|--|--------------------------|
| Design of the operating mechanism | | 5 directions of approach |
| Design of the switching function | | positive opening |

Connections/ Terminals:

| | | |
|--------------------------------------|--|--|
| Type of electrical connection | | plug, 6-pole + PU, according to EN 43651 |
|--------------------------------------|--|--|

Mechanical data:

| | | |
|-------------------------------------|--|--|
| Cable entry type | | plug, 6-pole + PU, according to EN 43651 |
| Design of plug-in connection | | plug, 6-pole + PU: Pin 1 = terminal 21, Pin 2 = 22, Pin 3 = 13, Pin 4 = 14, Pin 5 = not assigned, Pin 6 = not assigned, PU connected |

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:

| | | |
|--------------------------|---------------------------|-------|
| 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

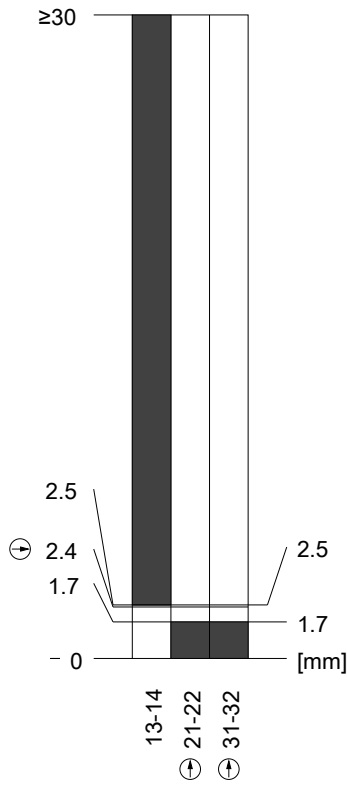
<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE51150QV101AD1>

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

<http://support.automation.siemens.com/WW/view/en/3SE51150QV101AD1/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=3SE51150QV101AD1&lang=en



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