

POSITION SWITCH ENCLOSED DEGREE OF PROTECTION IP65, EN 50 041, SLOW ACTION CONTACTS 2NC, OVERTRAVEL PLUNGER, 1 X M20 X 1,5

|                                                                                                                                                                                                                                                                                                                                                                                                                                             |             |                                    |                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------------|-------------------------------|
| product designation                                                                                                                                                                                                                                                                                                                                                                                                                         |             | position switch                    |                               |
| suitability for use safety switch                                                                                                                                                                                                                                                                                                                                                                                                           |             | Yes                                |                               |
| General technical data                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                    |                               |
| protection class IP                                                                                                                                                                                                                                                                                                                                                                                                                         |             | IP66                               |                               |
| reference code according to IEC 81346-2                                                                                                                                                                                                                                                                                                                                                                                                     |             | B                                  |                               |
| active principle                                                                                                                                                                                                                                                                                                                                                                                                                            |             | mechanical                         |                               |
| Substance Prohibittance (day/month/year)                                                                                                                                                                                                                                                                                                                                                                                                    |             | 07/01/2006                         |                               |
| Net Weight                                                                                                                                                                                                                                                                                                                                                                                                                                  |             | 0.115 kg                           |                               |
| length of the sensor                                                                                                                                                                                                                                                                                                                                                                                                                        |             | 105.5 mm                           |                               |
| width of the sensor                                                                                                                                                                                                                                                                                                                                                                                                                         |             | 40 mm                              |                               |
| Ambient conditions                                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                    |                               |
| ambient temperature                                                                                                                                                                                                                                                                                                                                                                                                                         |             |                                    |                               |
| • during operation                                                                                                                                                                                                                                                                                                                                                                                                                          |             | -30 ... +85 °C                     |                               |
| explosion protection category for dust                                                                                                                                                                                                                                                                                                                                                                                                      |             | none                               |                               |
| design of the switching contact                                                                                                                                                                                                                                                                                                                                                                                                             |             | mechanical                         |                               |
| number of NC contacts for auxiliary contacts                                                                                                                                                                                                                                                                                                                                                                                                |             | 0                                  |                               |
| number of NO contacts for auxiliary contacts                                                                                                                                                                                                                                                                                                                                                                                                |             | 2                                  |                               |
| Enclosure                                                                                                                                                                                                                                                                                                                                                                                                                                   |             |                                    |                               |
| design of the housing                                                                                                                                                                                                                                                                                                                                                                                                                       |             | design complying with EN 50041     |                               |
| material of the enclosure                                                                                                                                                                                                                                                                                                                                                                                                                   |             | glass fiber reinforced thermoplast |                               |
| coating of the enclosure                                                                                                                                                                                                                                                                                                                                                                                                                    |             | Other types                        |                               |
| design of the housing according to standard                                                                                                                                                                                                                                                                                                                                                                                                 |             | Yes                                |                               |
| Drive Head                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                                    |                               |
| design of the actuating element                                                                                                                                                                                                                                                                                                                                                                                                             |             | rounded plunger                    |                               |
| standard-compliant actuator head                                                                                                                                                                                                                                                                                                                                                                                                            |             | EN 50041, design B                 |                               |
| shape of the switch head                                                                                                                                                                                                                                                                                                                                                                                                                    |             | rounded                            |                               |
| outer diameter of the switch head                                                                                                                                                                                                                                                                                                                                                                                                           |             | 10 mm                              |                               |
| design of the switching function                                                                                                                                                                                                                                                                                                                                                                                                            |             | positive opening                   |                               |
| circuit principle                                                                                                                                                                                                                                                                                                                                                                                                                           |             | slow-action contacts               |                               |
| number of switching contacts safety-related                                                                                                                                                                                                                                                                                                                                                                                                 |             | 2                                  |                               |
| Installation/ mounting/ dimensions                                                                                                                                                                                                                                                                                                                                                                                                          |             |                                    |                               |
| fastening method                                                                                                                                                                                                                                                                                                                                                                                                                            |             | screw fixing                       |                               |
| Connections/ Terminals                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                    |                               |
| type of electrical connection                                                                                                                                                                                                                                                                                                                                                                                                               |             | screw terminal                     |                               |
| design of the interface for safety-related communication                                                                                                                                                                                                                                                                                                                                                                                    |             | without                            |                               |
| Communication/ Protocol                                                                                                                                                                                                                                                                                                                                                                                                                     |             |                                    |                               |
| design of the interface                                                                                                                                                                                                                                                                                                                                                                                                                     |             | without                            |                               |
| Approvals Certificates                                                                                                                                                                                                                                                                                                                                                                                                                      |             |                                    |                               |
| General Product Approval                                                                                                                                                                                                                                                                                                                                                                                                                    |             | Test Certificates                  | Maritime application    other |
| <div><div><br/>CCC</div><div></div><div><a href="#">Miscellaneous</a></div><div><br/>PRS</div><div><a href="#">Confirmation</a></div><div><a href="#">Confirmation</a></div></div> |             |                                    |                               |
| other                                                                                                                                                                                                                                                                                                                                                                                                                                       | Environment |                                    |                               |



#### Further information

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**Information for data generation and storage**

<https://support.industry.siemens.com/cs/ww/en/view/109995012>

**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=3SE2230-6C>

**Cax online generator**

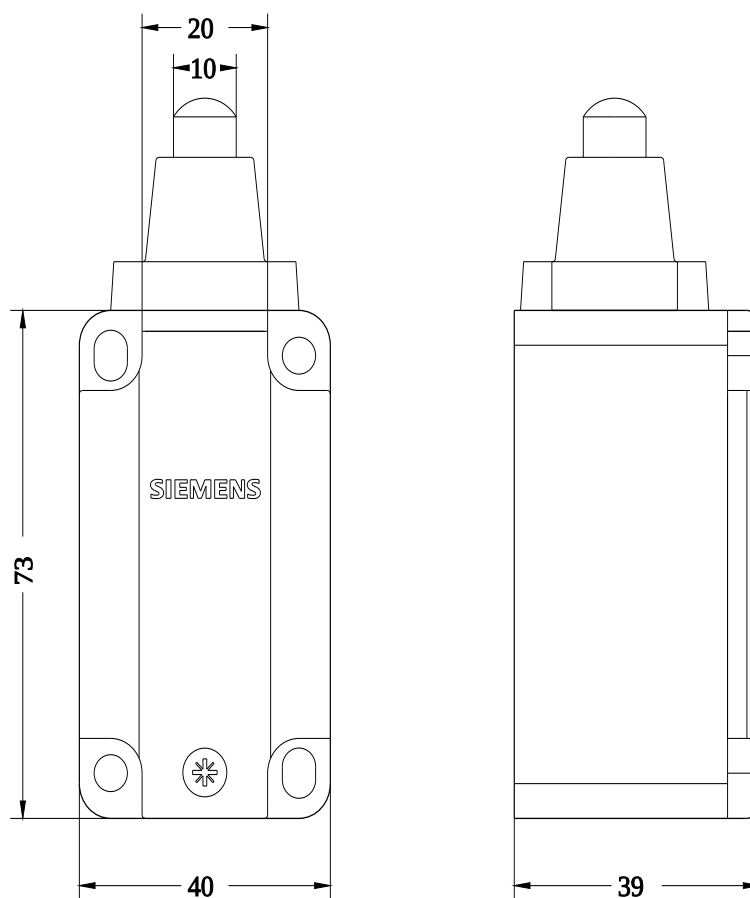
<https://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=3SE2230-6C>

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

<https://support.industry.siemens.com/cs/ww/en/ps/3SE2230-6C>

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

[https://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=3SE2230-6C&lang=en](https://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3SE2230-6C&lang=en)



last modified:

8/8/2025