TECHNICAL DATA SHEET

SIEMENS

3SE5112-0CD02

Position switch Metal enclosure 40 mm according to EN 50041, Device connection 1x (M20 x 1.5) 1 NO/1 NC quick action contacts, roller plunger with 3 mm overtravel and stainless ste

PRODUCT PHOTO



General Information

Product brand name	**SIRIUS**
Product designation	**Mechanical position switches**
Product type designation	**3SE5**

Safety

Suitability for use safety switch	**Yes**

Technical Data

Product function positive opening	**Yes**

Electrical Data

Insulation voltage rated value	**400 V**
Surge voltage resistance rated value	**6 kV**
Thermal current	**10 A**
Continuous current of the C characteristic MCB	**1 A; for a short-circuit current smaller than 400 A**
Continuous current of the quick DIAZED fuse link	**10 A; for a short-circuit current smaller than 400 A**
Continuous current of the DIAZED fuse link gG	**6 A**

Environmental Conditions

Degree of pollution class	**3**
Protection class IP	**IP66/IP67**

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Mechanical Data

Shock resistance according to IEC 60068-2-27	**30g / 11 ms**
Vibration resistance according to IEC 60068-2-6	**0.35 mm/5g**
Minimum actuating force in directions of actuation	**20 N**

Construction

Material of the enclosure of the switch head	**metal**

Standards

Reference code according to IEC 81346-2	**B**

Operation

Active principle	**mechanical**

Performance

Repeat accuracy	**0.05 mm**

Compliance

Substance Prohibitance (Date)	**07/01/2006**
SVHC substance name	**Imidazolidine-2-thione (2-imidazoline-2-thiol) - 96-45-7**

Physical Dimensions

Net Weight	**0.366 kg**
Length of the sensor	**116.3 mm**
Width of the sensor	**40 mm**

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