



Certificate of Compliance

Certificate: 1885692

Master Contract: 165071 (012730_C_000)

Project: 70121822

Date Issued: 2017-08-10

Issued to: Siemens AG
DF CP R&D VC 2
Werner-von-Siemens-Strasse 48
Amberg, 92224
GERMANY

The products listed below are eligible to bear the CSA Mark shown



Issued by: *Steven Montminy*
Steven Montminy

PRODUCTS

CLASS - C321103 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers - Auxiliary Devices

CLASS - C321123 - INDUSTRIAL CONTROL EQUIPMENT-Motor Controllers-Auxiliary Devices-

Limit switches in cast metal or plastic enclosure, Types 3SE51, 3SE52 and 3SE55, code rating rated A300, B300, Q300, enclosure Type 1, 4(indoor use) or 12. Rated Class 2 when provided with connector 3SY3131 and cable socket SY3123 or 3SY3136.

Limit switches for AS-Interface, in cast metal or plastic enclosure, Types 3SF11, 3SF12, rated Class 2, 30V/60mA, enclosure Type 1, 4 (indoor use only) or 12.

Limit switches, open type, Types 3SE505, 3SE528-0H, 3SE5232...-1AD followed by 1 up to 4, code rating A300, B300, Q300.

Notes:

1. The type designation may be completed with suffixes indicating contact design and mechanism, and mechanical details.
2. The limit switches with Type 1 enclosure provided with conduit entries other than NPT are certified as "special component devices" for use in equipment where the acceptability of the combination is to be determined by CSA.
3. The open type switches are certified for use within enclosed equipment where the acceptability of the combination is to be determined by CSA.



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Nomenclature Breakdown, Type 3SE5

3SE5	1	1	2	-	1	F	B	...
I	II	III	IV		V	VI	VII	VIII

I Basic Type 3SE5

II Model

- 0 Spare parts/components
- 1 Type 50041
- 2 Type 50047
- 5 Type 50047 (see Fig. No. 9)

III Enclosure Type

- 0 Without enclosure
- 1 Metal standard
- 2 Metal wide
- 3 Molded plastic standard
- 4 Molded plastic wide
- 5 Molded plastic open type
- 6 XL Metal enclosure
- 8 Open type on customer request

IV Type of Terminals

- 0 Without screw terminal
- 2 Threaded M20x1.5
- 4 M12 connector
- 5 Connector 6+PE according to EN43651

V Optical Signaling

- 0 Without
- 1 Yellow/Green 24Vdc
- 3 Yellow/Green 230Vac

VI Contact Variants

- A Without meaning
- B 1NO / 1NC, standard slow-action 2.5mm travel; or
2 x 1NO / 1NC, standard slow-action 2.5mm travel for XL Metal enclosure
- C 1NO / 1NC, standard snap-action; or
2 x 1NO / 1NC, standard snap-action for XL Metal enclosure
- D 2 x 1NO / 2NC, overlapping Type M for XL Metal enclosure
- E 2NO / 1NC, overlapping; and 1NO / 1NC, standard slow-action 2.5 mm travel for XL Metal enclosure
- F 1NO / 1NC, short plunger snap-action, integrated
- G 1NO / 1NC, 2+2 mm contact clearance snap-action
- H 1NO / 1NC, standard snap-action, integrated
- K 1NO / 2NC, standard slow-action
- L 1NO / 2NC, standard snap-action

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- M 1NO / 2NC, slow-action with overlapping
- N 1NO / 1NC, short travel snap-action
- P 2NO / 1NC, slow action
- Q 1NO / 2NC, standard slow-action 1.5mm travel
- R 1NO / 1NC, standard slow-action 1.5mm travel
- T 1NO / 1NC, short plunger snap-action Type N; and 1NO/1NC, standard slow-action Type B for XL Metal enclosure
- U 1NO / 1NC, short plunger snap-action Type N; and 1NO/2NC, standard slow-action Type K for XL Metal enclosure
- Y 1NO / 1NC, standard snap action, 2-pole contacts in 3-pole contact block unit

VII Actuator Design

- A Without drive
- B Plunger
- C Rounded plunger
- D Roller plunger
- E Roller lever
- F Angular roller level
- H or J Twist drive rts/lks
- K Twist drive firm plastic
- R Spring rod
- T Fork lever
- U Hinge switch
- V Separate actuator

VIII ... For manufacturing use only

Nomenclature Breakdown, Type 3SF1

3SF1	1	1	4	-	1	S	B	...
I	II	III	IV		V	VI	VII	VIII

I Basic Type 3SF1, AS-Interface position Switch

II Model

- 1 Type 50041
- 2 Type 50047

III Enclosure Type

- 1 Metal standard
- 2 Metal wide
- 3 Molded plastic standard
- 4 Molded plastic wide

IV Type of Terminals

- 2 Threaded M20x1.5
- 4 M12-connector

V Optical Signaling

- 1 24Vdc AS-I



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VI Contact Variants
K 2NO / 1NC, standard slow-action
L 2NO / 1NC, standard snap-action
Q 1NO / 2NC, standard slow-action 1.5mm travel

VII Actuator Design
A Without drive
C Rounded plunger
V Separate actuator

VIII ... For manufacturing use only

APPLICABLE REQUIREMENTS

CSA-C22.2 No. 14-13	- Industrial Control Equipment
CAN/CSA-C22.2 No. 94-M91	- Special Purpose Enclosures
CAN/CSA-C22.2 No 60947-1-13	- Low-Voltage Switchgear and Controlgear - Part 1: General rules
CAN/CSA-C22.2 No 60947-5-1-14	- Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70121822	2017-08-10	Update to report 165071 - 1885692 for the correction of type designation, addition of "Instruction for Field Services" for molded components/parts and accepted adhesive label.
70085989	2016-10-03	Update to report 1885692, for addition of alternate Contact Variant designated by suffix "Y" as 1NO/1NC, standard snap-action, 2-pole contacts in 3-pole contact block unit.
70061095	2016-02-18	Addition of descriptive for Insulating Sheel (Ill. No. 7), update nomenclature breakdown for Type 3SE5 (suffix H or J), and minor co rrection in dimensions for Cover and Housing (items 4.1 and 4.2, Fig. No. 3).
70033270	2015-08-04	Addition of Type 3SE5... with suffix "U", alternate material for contact arm (copper plated steel), alternate gasket materials (for cover), CSA products Class 3211-23; and deletion of rating 230Vac/6A (gen.use).
70004158	2014-06-20	Update of report 165071-1885692, Limit switches Types 3SE51/2/3, for revised construction (Plunger: item8.2-Fig.7), alternative plastic and gasket materials, and to the requirements of CSA-C22.2 No. 14-13.
2617065	2013-04-09	Addition of alternate model designated suffix "T" with two contact blocks for Type 3SE5162 XL Metal enclosure, and correction for suffix "N".
2544538	2012-07-20	Addition of Type 3SE55 (compact), enclosure Type 4 (indoor use) rating, and alternate dimensions of enclosure (Model Type 50041) for Type 3SE5132.
2499571	2012-02-17	Addition of alternate materials for actuators, with update of Ill. No. 1 (and deletion of Ill. No. 7).
2458660	2011-09-22	Addition of alternate Types with XL Metal enclosure(suffix 6), 3SE5232...-1AD1/2/3/4; encl. Type 4(indoor), alt.actuator(suffix J), plastic, gasket; insulation foil/barrier, insulating plate; to CSA-C22.2 No.14-10.
2264300	2010-01-21	Addition of Types 3SE5...-M and 3SE5...-P, alternate models with certified contact blocks (slow-action "P" and with overlapping "M").
2219474	2009-09-23	Addition of alternate cord set for 3SE5282.
2135587	2009-02-11	Alternate gasket of silicon material.



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2075457	2008-09-25	Update open type limit switches Type 3SE528 for nomenclature, alternate material and added cord set; minor correction in cover and housing length (all models).
1996721	2008-03-18	Addition of alternate cover material; Class 2 rating for 3SE51, 3SE52 with connector 3SY3131 and socket 3SY3123 or 3SY3136; gold plated contact option; and alternate switching elements for 3SF11, 3SF12.
1885692	2007-05-24	Original Certification. Limit switches, Types 3SE51, 3SE52, rated A300, B300, Q300, 230Vac/6A; Types 3SF11, 3SF12 rated Class 2, 30V/60mA; enclosure Type 1 or 12. Open type, Types 3SE505, 3SE528-0H rated A300, B300, Q300, 230Vac/6A.