




Canadian Standards Association
Association canadienne de normalisation

CERTIFICATION RECORD

The company named below has been authorized by Canadian Standards Association to represent the products listed in this record as "CSA Certified" and to affix the CSA Mark  to these products according to the terms and conditions of the CSA Service Agreement.

NUMBR 017298X0000 March 14, 1994(Replaces:September 3, 1993)

CLASS 3211 03 (Re-examination Service)

K.A. SCHMERSAL GMBH & CO.
Industrieschaltgerate
Moeddinghofe 30
Postfach 240263
Wuppertal 42232, Germany

17298

ccl6
SEE ALSO NRTL

INDUSTRIAL CONTROL EQUIPMENT - Motor Controllers - Auxiliary Devices

- Pull wire safety switch, Model T3Z068 (with suffixes), enclosed, with cast iron body, rated: 0.75A, 24V dc; C150, 120V ac, pilot duty.
- Limit switches with cast iron or cast aluminum enclosure, (CSA Encl. 4) 10A, 300V ac heavy duty, Types T441, M441, T452; (same polarity) Z332.
- Limit switches, 6A, 250V ac, heavy duty, (same polarity), open type, Types M687, M689; enclosed Type M330 (CSA Encl. 4).
- Limit switches, with enclosure of insulating material, code rated A600 (same polarity), Types T231, M231 and Z231.
- Limit switches, with cast iron or aluminum enclosure, (CSA Encl. 4), 10A, 300V ac, standard duty, Types U432 and U433.
- Limit switches with cast aluminum enclosure, (CSA Enc. 4) Type T335 and T355, Z335 and Z355; with insulating enclosure Types T336, Z336; code rated A600.
- Limit switches with insulating enclosure, Types AZ15ZV(r) (with suffixes) and AZ16ZV(r) (with suffixes), rated: 10A, 600V ac; code rated A600. (Type AZ16ZV(r) same polarity.)
- Limit switches, Type T235, T236, Z235 and Z236 (with suffixes), open type, rated A600 and P150.
- Limit switch assembly, Type AZM-160 (with suffixes), enclosed-type, pilot duty rating Code A600 with coil voltages 24 and 220V dc, 24, 220 and 240V ac, 50Hz and 110V ac, 60Hz.
- Trip wire switches, Model TQ441 (with suffixes), enclosed with integral conduit hubs, pilot duty code rated P300, A300.

Notes:

1. The letter T stands for slow make; slow break; the letter Z for quick make; quick break with forced breaking contact operation.
2. The type designation may be completed with figures and letters, indicating the contact design and the type of enclosure and operating device (roller lever, push plunger etc.).
3. The switches are Certified only for use in equipment where the suitability of the assembly is to be determined by the Canadian Standards Association. Switches without conduit entries with NPT-threading, are accepted as "Special Component Devices" with general purpose enclosure.

(Cont'd)



The company named below has been authorized by Canadian Standards Association to represent the products listed in this record as "CSA Certified" or "CSA Accepted", as applicable, and to affix the CSA Mark to these products according to the terms and conditions of the CSA Service Agreement and applicable CSA program requirements (including additional Markings).

017298X0000 April 28, 1995(Replaces:April 5, 1995)

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- Limit switches with insulating enclosure, Types AZ15ZV(r) (with suffixes) and AZ16ZV(r), AZ16ZI (with suffixes), rated: 10A, 600V ac; code rated A600. (Type AZ16ZV(r) same polarity.)
- Limit switches, Type T235, T236, Z235 and Z236 (with suffixes), open type, rated A600 and P150.
- Hinged safety switches, Type TC235 and TC236 with suffixes, rated A600, P150.
- Hinged safety switches, with cast iron enclosure (Type 4), Models AZ335 and AZ355 with suffixes, rated A600.
- Limit switch assembly, Types AZM-160, AM160 (with suffixes), enclosed-type, pilot duty rating Code A600 with coil voltages 24 and 220V dc, 24, 220 and 240V ac, 50Hz and 110V ac, 60Hz.
- Trip wire switches, Model TQ441 (with suffixes), enclosed with integral conduit hubs, pilot duty code rated P300, A300.
- Limit switches, enclosed type, Type AZM415 coil voltage 24V dc, 110 or 230V ac, code rated A300, enclosure rating 12K.
- Limit switches, Types TQ481, TQ482 with suffixes, enclosed, with die-cast aluminum, Type 4 housing, rated A600, Q150.
- Hinged safety switches, with cast iron enclosure (Type 4), Models TV8S 335, TV8S 355, TV10S 335, TV10S 355, with suffixes, rated A600.

Notes:

1. The letter T stands for slow make; slow break; the letter Z for quick make; quick break with forced breaking contact operation.
2. The type designation may be completed with figures and letters, indicating the contact design and the type of enclosure and operating device (roller lever, push plunger etc.).
3. The switches are Certified only for use in equipment where the suitability of the assembly is to be determined by the Canadian Standards Association. Switches without conduit entries with NPT-threading, are accepted as 'Special Component Devices' with general purpose enclosure.
4. Types AZ15ZV(r), AZ16ZV(r), T231, T236, Z236, T335, T336 and T355 have been extended endurance tested for 100,000 operations for elevator use.
5. Open type devices are Certified as components for use only in other Certified equipment where the suitability of the combination is to be determined by Canadian Standards Association.
6. Suffixes for Model T3Z068 denote contact configuration, latching means and optional lamp.

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Certificate of Compliance

Certificate Number: LR 17298-27

Revision:

Date Issued: February 25, 1994

Issued To: K.A. Schmersal GmbH & Co.
Industrieschaltgerate
Moeddinghofe 30
Postfach 240263
Wuppertal 42232, Germany

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

Issued By: G. Lippa, C.E.T.
Toronto, ON Canada

Signature

CLASS 2411 02 - ELEVATOR EQUIPMENT - Enclosed Elevator Electrical Equipment

PRODUCTS

Limit switches, with enclosure of insulating material, code rated A600 (same polarity), Types T231.

Limit switches with cast aluminum enclosure, (CSA Enc. 4) Type T335 and T355, with insulating enclosure Types T336, code rated A600.

Limit switches with insulating enclosure, Types AZ15ZV(r) (with suffixes) and AZ16ZV(r) (with suffixes), rated: 10A, 600V ac; code rated A600. (Type AZ16ZV(r) same polarity.)

Limit switches, Type T236 and Z236 (with suffixes), code rated A600 and P150.


APPLICABLE REQUIREMENTS

GAN/CSA-B44.1-M91/ - Elevator and Escalator Electrical Equipment
ASME-A17.5-1991



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5. Open type devices are Certified as components for use only in other Certified equipment where the suitability of the combination is to be determined by Canadian Standards Association.
6. Suffixes for Model T3Z068 denote contact configuration, latching means and optional lamp.

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