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Project 98RT4343

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REPORT

on

SWITCHES, INDUSTRIAL CONTROL EQUIPMENT,
AUXILIARY DEVICES

Crouzet Corp.
Carrollton, TX

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DESCRIPTION

PRODUCT COVERED:

(USL and CNL) Auxiliary Devices - Limit Switches - Cat. Nos. 8387, 8388 may be followed by additional Nos.

GENERAL:

These devices are enclosed limit switches having a molded-cable and a double pole single throw (1 No+ 1Nc) set of contacts intended for use at same or opposite polarity.

Alternate: Same as above except provided with 5 pin connector.

Alternate: Same as above except provided with 4 pin connector and single pole double throw contacts.

These devices are intended for use in Type 1, 2, 4, 6, 13 environmental condition. Ambient temperature 70°C.

CNL - Indicates Investigated To Canadian National Standards C22.2 No. 14-M91.

Note: CNL = Canadian National Standards - Listed
USL = United States Standards - Listed

ELECTRICAL RATING:

A300,Q150: Standard type with cable
C300,Q150: Standard type with 4 pin connector

30VAC, 0.1A, General use (low level type)
30VDC, 0.1A, General use (low level type)
48VAC, 4A, General use (Standard type)
48VDC, 4A, General use (Standard type)

NOMENCLATURE:

I. - Basic part 83.

II. - Width, 87 or 88.

III.-VI. - Construction Identification conforms to this Report.

CONSTRUCTION DETAILS:

Marking - Listee's name or trade symbol, model number and electrical ratings. The information concerning the voltage and overload current ratings for each code designation shall be published in a catalog or contained on a marking sheet packed with the product.

Corrosion Protection - Iron and steel parts are corrosion protection or painted or plated material.

SPACING -

Between any uninsulated live parts and an uninsulated live part of opposite polarity, uninsulated grounded part other than the enclosure or exposed metal part according to the requirements for insulation coordination (UL508, 36.4)
Pollution degree 1-Rated impulse voltage 2,5KV-Operating voltage
500V-Material group III

Through air: 1.5 mm - Over surface 1.5 mm.

Between any uninsulated live part and the walls of a metal enclosure: No spacing requirements are evaluated because insulation between any uninsulated live part and the walls of metal enclosure is provided by an insulating barrier described in section 35 (UL 508), see Ill. No. 1.