



File E214024
Project 74ME5330/E48393

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REPORT

on

COMPONENT - SWITCHES, INDUSTRIAL CONTROL

Tyco Electronics Austria GmbH
Waidhofen/Thaya, Austria

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DESCRIPTION

PRODUCT COVERED:

Cat. Nos. V23057; followed by A, B, C or D; followed by any number; followed by up to three numbers; followed by A101, A102, A103, A201, A202, A203, A401, A402, A403, A501, A901, A902, A903, B101, B102 or B601.

GENERAL CHARACTER AND USE:

These devices are single pole single throw and single pole double throw magnetic motor controllers for use in industrial applications.

All devices are intended for use in equipment where the acceptability of the combination has been determined by Underwriters Laboratories Inc.

Ratings - V23057 Series. Coils 3.2 - 110 V dc.

<u>Type</u>	<u>Voltage</u>	<u>Rating</u>
A100 Series	24 V dc	200 W
Silver-Gold Flashed	30 V dc	125 W
	200 V dc	50 W
	250 V ac	8 A, General Purpose
		8 A, Resistive
		1.2 A Tungsten
	240 V ac	1/10 hp
A200 Series	24 V dc	100 W
Silver-Nickel	30 V dc	80 W
	200 V dc	80 W
	250 V dc	50 W
	250 V ac	8 A, General Purpose
		8 A, Resistive
		1.2 A Tungsten
	240 V ac	1/10 hp
A400 Series	24 V dc	100 W
Silver-Cadmium-Oxide	30 V dc	80 W
	200 V dc	30 W
	250 V dc	50 W
	250 V ac	10 A
		8 A, General Purpose
		8 A, Resistive
		1.2 A Tungsten
	240 V ac	1/10 hp
	120 V ac	1/3 hp
		TV5
A500 Series	24 V dc	200 W
Silver-Gold Plated	30 V dc	125 W
	200 V dc	50 W
	250 V ac	8 A, General Purpose
		8 A, Resistive
	240 V ac	1.2 A Tungsten
		1/10 hp

<u>Type</u>	<u>Voltage</u>	<u>Rating</u>
A900 Series	24 V dc	200 W
Silver-Tin-Oxide	30 V dc	125 W
	200 V dc	30 W
	250 V dc	50 W
	250 V ac	10 A, General Purpose
		10 A, Resistive
	1.2 A Tungsten	
	240 V ac	1/10 hp
B101 Series	250 V ac	6 A
Silver-Gold Flashed		1.2 A Tungsten
	240 V ac	1/10 hp
B201 Series	250 V ac	6 A
No Silver-Gold Flashed		1.2 A Tungsten
	240 V ac	1/10 hp
B601 Series	30 V ac	2 A General Purpose
Gold	250 V ac	1.2 A Tungsten
	240 V ac	1/10 hp
	36 V dc	2 A, Resistive

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Some features that should be considered in determining the acceptability of these devices in given application, are as follows:

1. The rating of the control equipment should not exceed the rating above.
2. The devices should be mounted in enclosures having adequate strength and thickness and in the intended manner.
3. The suitability of all terminals shall be determined in the end-use application.
4. These devices have no provision for grounding the frame and therefore all tests were conducted with the frame ungrounded.
5. These devices have been tested and found suitable for use in a maximum ambient of 70°C.

C-UR

(To Be Filed Behind Sec. Gen.)

GENERAL C-UR

COVERAGE BASED ON CANADIAN STANDARDS:

The products tabulated below also comply with the requirements of CSA Standard for Industrial Control Equipment, C22.2 No. 14-M91.

Marking Requirements - These products are intended to be marketed in Canada. Markings shall be based on the "Markings" provisions of the Section General and each individual section within this volume.

The necessity for a bilingual marking (i.e. English and French) shall be determined by the Listee depending upon which Provinces in Canada the product will be marketed. When the product identification is also required in French, the French translation shall be consistent with the English version as described in each individual Section. The above CSA Standard presently only requires bilingual marking of warning and cautionary statements when applicable. Unless specified otherwise, the products are not required to be marked with any warning or cautionary statements.

<u>Model/Type</u>	<u>Type of Product</u>	<u>Section No.</u>
All	Industrial Control Equipment	All