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File E63614
Project 98SC06766

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REPORT

ON

COMPONENT - MOTOR CONTROLLERS, MAGNETIC

Fujitsu Takamisawa Component Ltd.
Tokyo, Japan

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AM/LO:cj
SCDLS

A not-for-profit organization
dedicated to public safety and
committed to quality service

DESCRIPTION

PRODUCT COVERED

* Type H2, with or without prefix FTR-, followed by A, followed by K or L, followed by 005 through 048, followed by T, may or may not be followed by -01 through -99.

GENERAL:

These devices are single-pole single-throw magnetically operated switches with DC operating coil and with normally open contact. These devices are provided with terminals for direct printed circuit mounting.

NOMENCLATURE:

Part No.	<u>FTR-H2</u>	<u>A</u>	<u>K</u>	<u>005</u>	<u>T</u>	<u>-01</u>
	I	II	III	IV	V	VI

- I. Indicates type number, with or without prefix FTR-.
- II. Indicates contact configuration.
A - 1 Form A
- III. Indicates coil sensibility.
* K - General (approximately 0.53 W)
* L - High Sensitive (approximately 0.25 W)
- IV. Indicates coil rated voltage.
005 through 048 - 5 through 48 V dc
* 005 through 024 - 5 through 24 V dc (for high sensitive)
- V. Indicates contact rating.
T - Rated
- VI. Indicates minor constructive variation.
-01 through -99 - Additional two digits used for special variation of construction as below, may be without marking -01 through -99.
- A) Variation of coil resistance.
- B) Variation of pick-up voltage, non-pick up voltage, drop-out voltage or hold voltage.
- C) Variation of operate or release time.
- D) Variation of dielectric strength.

RATINGS:

Contact Ratings -

1/6 Hp, 125 V ac

1/2 Hp, 250 V ac

Pilot Duty, Code C300

TV-5, 120 V ac

30 V dc, 10 A Res.

* 125 V ac, 15 A, resistive 100,000 cycles

250 V ac, 10 A Res.

Coil Ratings -

5 V through 48 V dc

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

Use - For use only in complete equipment or applications where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability -

1. An acceptable enclosure shall be provided.
2. The terminals are suitable for factory wiring only.