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REPORT

on

PROGRAMMABLE CONTROLLERS

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## CONSTRUCTION DETAILS:

General - The details of construction are covered in the following photographs and accompanying descriptive pages and illustrations.

Corrosion Protection - All parts of corrosion resistant materials are painted or plated as corrosion protection.

Class 2 circuit - The investigation has been conducted under consideration of the Class 2 requirements. This allows for the investigation of spacings and components on the secondary to be waived.

Installation Instructions - Shall be provided and include a wiring diagram. It must include a statement "Only for connection with a Class 2 power supply" or equivalent.

Warning Markings - See Section General for details.

Markings - Listed company name or trademark, model number, electrical ratings, and wiring diagram is required. Terminal identifications are also on the device.

"For Use In Class 2 Circuits" or equivalent statement. This may be provided in the installation instructions separately instead of marked on the device.

The following markings are also be provided on the device or as part of the installation instructions:

"Use 60/75 or 75°C copper(CU)wire only"

## NOMENCLATURE BREAKDOWN:

SPIDER	4	TX	/1FX-SM	-EEC
I	II	III	IV	V

I:            SPIDER family rail switch

II:           No. of ports

III:          Port type:  
TX - Ethernet twisted pair 10/100Base TX, RJ45 sockets

IV:          optional extention:  
/1FX - additional mounted: fiberoptic port  
/1FX-SM - additional mounted: fiberoptic port, single mode  
-PRO - customer designation

V:           Optional extention:  
EEC - extended temperatur range

\*MODEL SPIDER

FIG. 1

FIG. 2

\*

\* General - Figure 1..2 show the rail switch series SPIDER and are for reference use only. Due to the use of Class 2 Source only, no evaluation of components was considered necessary except of the following:

1. Terminal Block (XCFR2), manufactured by RIA CONNECT INC, Type 313 NR. 313131XX, rated 300 V, 12 A, suitable for field wiring.