-	AN CONTROLS 'F' SERIES FLI-2 & FLI-4 LIMITED INCH LATION GUIDE	 1) PRODUCT IDENTIFICATION 1 Safety Switch Sensor Input 2 Indicator Output (N/O Volt Free Contact for Safety Switch) 3 Gate Open Indicator (Red LED) 4 Control Bus Connector Strap 5 Control Bus 6 N/C Contact From Limited Inch Button 7 N/O Contact From Limited Inch Button 8 Common Contact From Limited Inch Button 9 Inch Button Ready Indicator (Green LED)
CAUTION!	This information is designed to help suitably qualified personnel install and operate Mechan Safety Switch equipment. Before using this product, read this guide thoroughly along with any relevant European and/or National standards (e.g. Machinery Directive 89/392/EEC and it's amendments, Provision and Use of Work Equipment Regulations, further information can be obtained from Mechan Controls Limited or the DTI European Hotline)	
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2) DESCRIPTION		
The E SERIES Limited Inch Unit is a single channel extender module (like the EX1) with a built in override facility, for use with the		

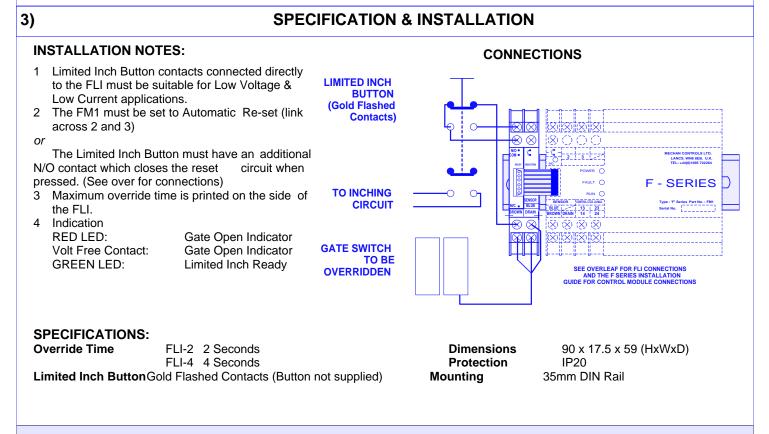
The F SERIES Limited Inch Unit is a single channel extender module (like the FX1) with a built in override facility, for use with the F SERIES safety switch system. The FLI, like the FX1, has one safety switch sensor input and one volt free indicator output and is connected along with other extender modules to the FM1 Control Module. The safety switch sensor connected to the FLI can be overridden for a **short, pre-set period** by pressing the limited inch button when connected as shown below.

When the Limited inch button is pressed, the control relays (13/14 and 23/24) on the FM1 will close providing that all other safety switches on the FM1 Are closed. The control contacts will remain closed until:

- 1) Any other F Series safety switch sensor connected to the same control module is opened.
- 2) The maximum override time is reached (2 or 4 seconds, see label on the side of the FLI)

Or 3) The limited inching button is released.

Electronic circuitry within the FLI prevents the continuous running of the machinery whilst the gate is open. There is a delay of approximately 1 second from releasing the button to the FLI being ready to allow another cycle of inching

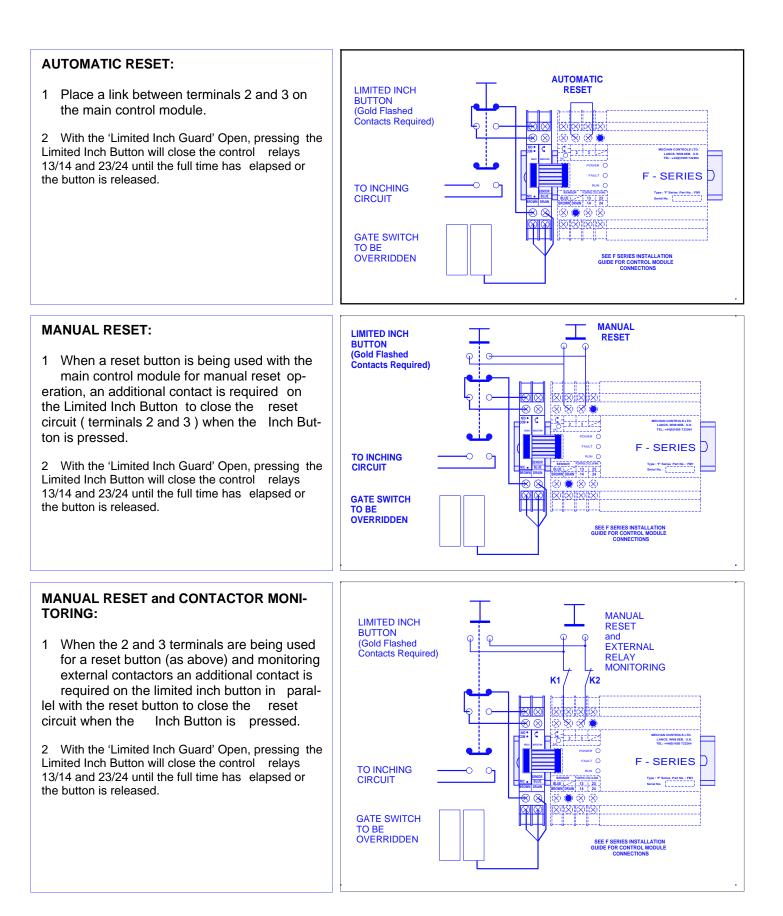


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Electronic Safety Switches

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SPECIFICATION & INSTALLATION (continued)



In the interest of product development, specifications are subject to change without notice. Document No. - fli-ins-v2 7/6/99

It is the responsibility of the user to ensure compliance with any acts or by-laws in force All information regarding Mechan equipment is believed to be accurate at the time of printing. Responsibility cannot be accepted for errors or omissions.

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