IRT

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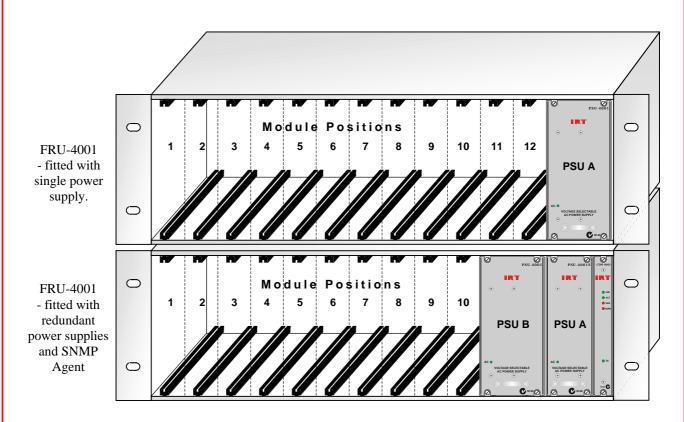Email: sales@irtelectronics.com
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3RU Eurocard Frame
Type: FRU-4001

Features:

- **Provision for two power supplies for redundancy.**
- **Holds up to 10 IRT Eurocard modules with two supplies fitted, or 12 IRT Eurocard modules with a single supply fitted.**
- **Simple Network Management Protocol (SNMP) capability.**

FRU-4001 - fitted with single power supply.

FRU-4001 - fitted with redundant power supplies and SNMP Agent

General:

The grouping of products with a common frame and mains power supply benefits the user by providing economy and maximum utilisation of valuable space.

Different modules, including digital and analogue, may be mixed in the one frame to provide a compact solution to system design and ease of later expansion.

Provision is made for a two power supplies for redundancy, although the frame can be used with only a single supply.

With two supplies fitted, the FRU-4001 will take up to 10 IRT current series Eurocards. If only a single power supply is fitted, the maximum number of Eurocards increases to 12 by removing the second power supply rear assembly.

When fitted with a CDM-4001 SNMP Agent module the FRU-4001 frame has the added capability of Simple Network Management Protocol (SNMP) monitoring and control. The CDM-4001 has its own designated slot and does not affect the number of modules that can be loaded into the frame.

SNMP allows remote monitoring and control of modules via an Ethernet connection by a computer using third party Network Management Software. Modules must be fitted with their own relevant Management Information Base (MIB) sub modules.

The FRU-4001 frame will take all IRT 4000 series Eurocards as well as current 700 and 3000 series Eurocards that have the correct type of power connector on the rear assembly.

Technical Specifications

3 RU SNMP Frame plus Power Supply

	FRU-4001 frame	
Power Supply	**PSU-4001**	
Input Voltage	Selectable:	240 Vac ± 10%
		220 Vac ± 10%
		130 Vac ± 10%
		110 Vac ± 10%
Frequency	45 Hz - 65 Hz	
Fusing	500 mA anti-surge*	
Output	14 - 0 - 14 Vac	
	80 VA max.	
Redundancy	Yes (when 2 x PSUs used in frame)	
Alarm outputs	Terminal block	
Standards	AS3260	
approvals	Ⓒ N140	
Power input	IEC 320 (per PSU)	
SNMP**:		
Ethernet	10/100 baseT	
Connector	RJ45	
RS232	9 pin female 'D' connector	
Other:		
Temperature	0 - 50° C ambient	
Mechanical	3 RU 19" rack frame	
Dimensions	482 x 132 x 253 mm	
Frame finish	Passivated mild steel and anodised aluminium	
PSU finish	Front panel - APO grey, black lettering & red IRT logo, Body & rear panel - bright finish passivated steel with silk screened black lettering.	

* Use 1 A anti-surge fuse for 110 Vac (or 130 Vac) operation
**For SNMP operation, FRU-4001 must be fitted with CDM-4001 SNMP Agent module

Note: Network Management System software is third party software not supplied by IRT Electronics.

Due to our policy of continuing development, these specifications are subject to change without notice.

Detailed specifications available from:

Manufacturer:	**Local Agent:**	**IRT can be found on the Internet at:**
IRT Electronics Pty Ltd		**http://www.irtelectronics.com**

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