

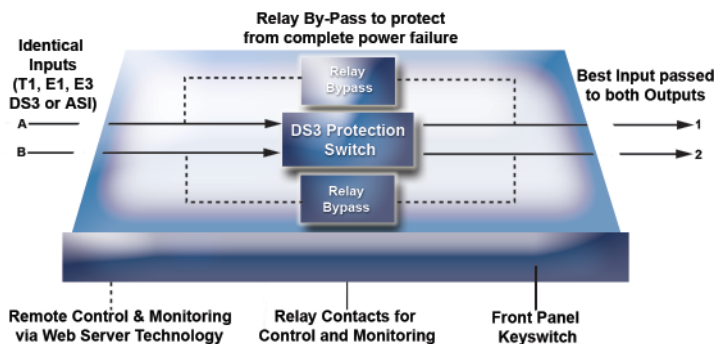
FLEX 2400 Series



Protection Switching & Splitting for DVB-ASI, E1/T1, E3 & DS3

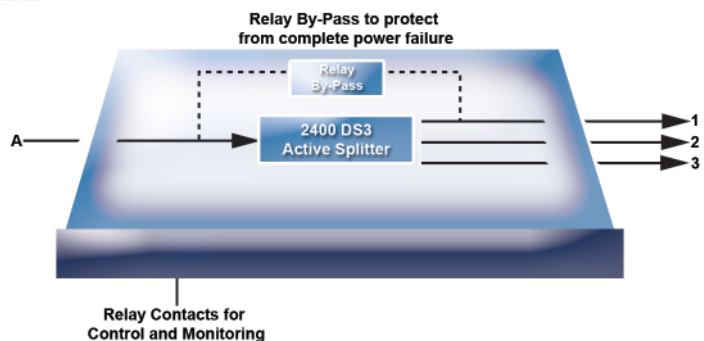
1+1 Encoder systems Redundant Telco Links TV Distribution Service Splitting

- Protection Switches and Splitters designed to help build redundancy into Broadcast and Telco networks.
- G.703 (T1, E1, E3, DS3) and ASI modules for both protection switching and active splitting.
- Manual or automatic switching capabilities offered via front panel keyswitch.
- Contact relays for external control and monitoring.
- Remote control and monitoring of switching provided via the optional Web Server module.
- Switches monitor Sync Loss, AIS and BER (signal format dependent)
- Relay bypass on all modules – protection against power source failure.
- Dual power supplies with DC option.
- Any combination of any two modules splitting or switching. See reverse for details.
- SNMP available.



Protection Switch - example configuration

Active Splitter - example configuration



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Versions Available

Input	Protection Switch Module	Active Splitter Module
ASI	2 inputs: 3 Outputs	1 Input: 4 Outputs
SDI	-	1 Input: 4 Outputs
T1	2 Inputs: 2 Outputs	1 Input: 3 Outputs
E1	2 Inputs: 2 Outputs	1 Input: 3 Outputs
E3	2 Inputs: 2 Outputs	1 Input: 3 Outputs
DS3	2 Inputs: 2 Outputs	1 Input: 3 Outputs
E4	-	1 Input: 3 Outputs
STM-1	-	1 Input: 3 Outputs

Technical Specifications

Module Options

Each 1U unit can house one or two of the functional modules listed above, giving combinations of protection switches and active splitters.

These modules may operate independently or be interconnected and additional ancillary modules may be fitted in addition to the functional modules.

Management and Control

Front panel LEDs, and alarm reset
Alarm outputs on open contact relays.
Switch control selection via GPI's
Front panel key switch
SNMP and Web control

Mechanical

Height: 43.6mm (1U)
Width: 482.6mm (19")
Depth: 385mm (15") incl. connectors
Weight: 4.8kg (12.3lbs) depending on modules fitted

Power Supply

Dual supply, single phase auto-ranging
100-240VAC (50-60Hz)
36-72V DC (factory fitted option)

Environmental

Operating temperature: 0°C to 40°C
Storage temperature: -5°C to 70°C