

PROTECTION SWITCH



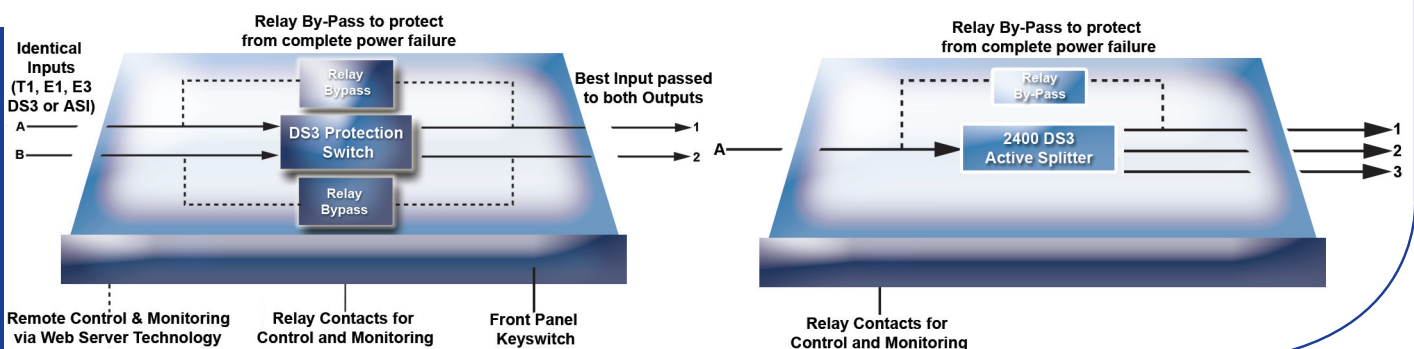
Protection Switch - FEATURES and BENEFITS

- Protection Switchers designed to help build redundancy into broadcast networks, with ease and good future scalability.
- The unit is user configured which enables us to specifically meet exact requirements. This solution can handle G.703 (T1, E1, E3, DS3) and ASI for both protection switching and active splitting.
- Manual or automatic switching capabilities offered via front panel keyswitch and contact relays for external control and monitoring.
- Remote control and monitoring is also offered via the optional Web Server module
- Additional optional modules allow for building redundancy into your networks and adding protection where needed.
- Relay bypass modules ensure the unit is completely redundant – even against total power failure.
- Contact A•R•G to find how we can help you to make the most of your broadcast transport network.

Protection Switch

Active Splitter

APPLICATION



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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 inter-connected and additional ancillary modules may be fitted in addition to the functional modules.

These factory fit ancillary options are:

1. Relay Bypass for power fail protection
2. Front Panel Keyswitch for overriding route selection on a protection switch.
3. Web Server option module

ARG will provide details of configuration and operation to meet specific functional requirements

Management and Control

Front panel LEDs and alarm reset alarm outputs on open contact relays rear panel route selection (fitted in protection switch module)

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)
48V DC (factory fitted option)

Environmental

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

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