

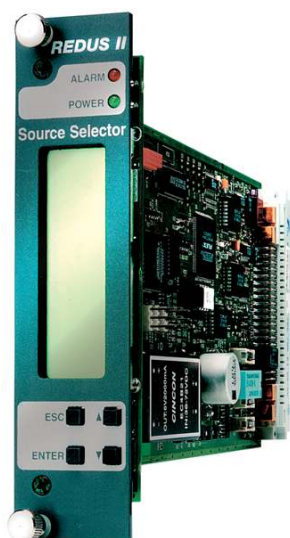
Cisco Redus MKII Source Selector

The Cisco® Redus MKII Source selector is an intelligent ASI switch used in applications where one-to-one redundancy is required. It can be used as a standalone redundancy switch for Cisco professional video technology or for third-party equipment.

Several detection criteria can be selected and, with a special connector card, the Cisco Redus MKII will also function as a small distribution amplifier (with four outputs).

The Cisco Redus MKII Source Selector (Figure 1) fits in the Cisco Galaxy Chassis and is equipped with a management interface for remote control through Cisco ROSA® Network Management System (NMS) or a third-party management system using Simple Network Management Protocol (SNMP). The liquid crystal display (LCD) front panel allows full local control of the unit.

Figure 1. Cisco Redus MKII Source Selector



Features and Benefits

- User-selectable detection criteria:
 - Transport stream (TS) synchronization loss
 - Port Address Translation (PAT) availability
 - Stuffing rate
- Detection on both inputs
- Fail-safe operation to maintain signal
- Programmable input switching logic

- User-selectable switch activation delay period (0-60 seconds)
- User-selectable switch restore delay period (0-60 seconds)
- Four outputs (one secured output)
- LCD front panel control and Cisco ROSA remote control

Product Specifications

Table 1 lists specifications for the Cisco Redus MKII Source Selector.

Table 1. Product Specifications

Category	Specification
Physical and Power	
Physical specifications	Height: 3.94 in. (100 mm) Width: 1.18 in. (30 mm) Depth: 7.87 in. (200 mm) Weight: approximately 0.57 lb (0.26 kg) Module width: 6 HP (1 slot in Cisco Galaxy rack)
Power consumption	7.2W (nominal)
Input voltage	Nominal -48 VDC
Environmental	
Temperature within specifications	+50 to +104°F (10 to 40°C)
Operating temperature	+32 to +113°F (0 to 45°C)
Storage temperature	-4 to +158°F (-20 to 70°C)
Relative operating humidity	5 to 85% noncondensing
Relative storage humidity	5 to 95%
Operating altitude	0 to 6560 ft (0 to 2000m)
Main and backup input	
Connector	BNC
Impedance	75 ohms
Interface type	ASI according to EN 50083-9
Packet format	188/204 byte packets
Output	
Number of outputs	4
Connector	BNC
Impedance	75 ohms
Interface type	ASI according to EN 50083-9
Format	188/204 byte packets
Relay Contact	
Connector	2 25-pin female Sub D (on rack)
Contacts	1 contact (3-pins) per card (COM, NO & NC)
Contact type	Relay
Alarms	Software configurable (with Cisco ROSA)

Remote Control	
Connector	9-pin male Sub D (on rack)
Type	RS-485
Format	RCDS
Speed	Up to 19.2 kbaud

Ordering Information

Table 2 lists ordering information.

Table 2. Ordering Information: Cisco Redus MKII Source Selector

Features	Part Number
Cisco Redus MKII ASI Switch, 1 Slot Card	V9521787
Cisco Galaxy Paddle Type 8, 2/ASI In, 2/ASI Out, GPI DB9 for Redus MKII	V9521357
Cisco Galaxy Paddle, 2/ASI In BNC, 4/ASI Out BNC for Redus MKII	V9521366

For More Information

To learn more about the Cisco Redus MKII Source Selector, contact your local account representative or visit [Galaxy Content Acquisition and Transmission System](#).

Visit [Cisco End-of-Life Policy](#) and [subscribe](#) to receive end-of-life and end-of-sale information.



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