

Switching Unit

1+1 & N+1 Redundant System



Range of Switching Units to build 1+1 and N+1 satellite uplink system for Vyper, DualVyper, SmartGate S2/S2X and Tyger products

Switching Units includes ASI switch/splitter module and RF switch module for IF-Band (170/240 MHz) and/or L-Band (950/2150 MHz) which can operate independently or simultaneously. Most common configuration / set up are defined, however, they can be tailored to match your specific requirements, please do not hesitate to contact us for further details.

1+1 Redundancy

1U Rack chassis with ASI & RF Switch modules. Manual and Automatic operations based on Dry Contact, RF Sensing or SNMP/Traps.

N+1 Redundancy

3U Rack chassis with ASI & RF Switch modules to manage 4+1, 6+1 or 8+1 systems. Manual and Automatic operations based on SNMP/Traps.

Dry Contact & RF Sensing

Switching can be decided on external events through relay contact or autonomously based on RF power level.

Web GUI & SNMP

Switching Units embed a Web Server and SNMP agent for a full remote control.

Applications

- Vyper / DualVyper
- SmartGate S2/S2X
- Tyger

Other benefits

- Complete package including cable
- Programmable switching conditions
- Plug & Play System

Switching Unit

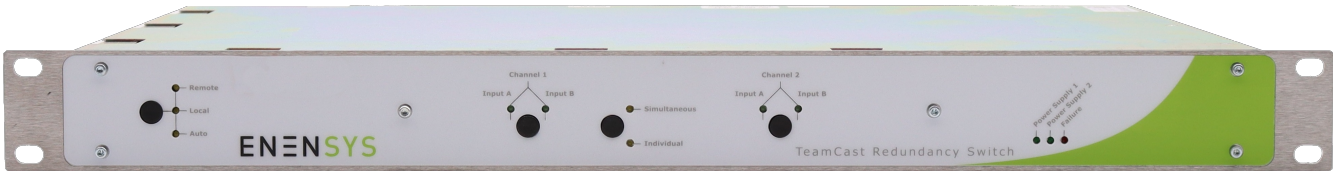
1+1 & N+1 Redundant System

Technical specifications

ASI INTERFACE	
Input BNC - 75 Ω	Output BNC - 75 Ω
RF INTERFACE	
Input / Output 170/240 MHz - 25 dBm Max / BNC - 75 Ω	Input / Output DC/2.5 GHz - 25 dBm Max / SMA - 50 Ω
CONTROL & MANAGEMENT	
Ethernet port 1 Ethernet port 1GigE - RJ45 - Web GUI / SNMP	Front Panel Push button - Remote / Local / Automatic - RF Switch
Serial Interface RS232 / Sub-D9	Dry Contact Relay input / Sub-D9

PHYSICAL	
Height 1+1: 44 mm / 1.7 in. (1U) or N+1: 133 mm / 5.2 in. (3U)	Width 483 mm / 19 in.
Depth 285 mm / 11.2 in.	Weight 1+1: 5 kgs or N+1: 8 kgs
Power Supply 100-240 VAC	

Front



Switching Unit

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Ordering codes

XSSR-DEV0-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper,
- ASI distributor & IF-Band 75 Ohm switch

XSSR-DEV2-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper, SmartGate,
Tyger
- ASI distributor & L-Band with RF sensing

XSSR-DEV4-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper, SmartGate,
Tyger
- Dual L-Band 50 Ohm sensing

XSSR-DEV6-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper
- IF-Band 75 Ohm switch via dry contact & IF distributor (1:4)

XSSR-DEV8-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper
- Dual IF-Band 75 Ohm via dry contact

XSSR-DE10-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper, SmartGate,
Tyger
- Dual L-Band 50 Ohm via dry contact

XSSR-DE4I-1992

4+1 DEV IF Switching unit (3 RU) for Vyper
- ASI & RF switches

XSSR-DE8I-1992

8+1 DEV IF Switching unit (3 RU) for Vyper
- ASI & RF switches

XSSR-DEV1-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper, SmartGate,
Tyger
- ASI distributor & L-Band 50 Ohm switch

XSSR-DEV3-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper
- ASI distributor & IF-Band with RF sensing

XSSR-DEV5-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper
- Dual IF-Band 75 Ohm sensing

XSSR-DEV7-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper
- L-Band 50 Ohm switch via dry contact & L-Band distributor (1:4)

XSSR-DEV9-1951

1+1 DEV Switching Unit (1RU) for Vyper, DualVyper
- IF-Band & L-Band independant switching via dry contacts

XSSR-DE4L-1992

4+1 DEV L-band Switching unit (3 RU) for Vyper,
- ASI & RF switches

XSSR-DE8L-1992

8+1 DEV L-band Switching unit (3 RU) for Vyper
- ASI & RF switches

Ordering options