



# SAAB



**SRES18F**

## Semi Rugged Ethernet Switch

Designed for demanding operational environments, this powerful half-19" rack-mountable switch provides a flexible and high-performance networking solution where reliability is critical. With 16 x RJ45 Gigabit ports and 2 x 10 Gb/s fiber interfaces, it delivers scalable connectivity to support complex, bandwidth-intensive systems in challenging conditions.

Built on a reliable and highly customizable platform integrated directly into the switch chipset, the solution offers configurable interfaces with support for up to 28 ports, including high-speed fiber connections. A web-based management interface provides full control of the integrated software, enabling advanced functionality such as tunneling, QoS, firewall capabilities, secure routing, and protected IP-based communication.

Engineered to support mission-critical applications including C4I, HUMS, and fire control systems, the switch delivers secure, robust, and future-ready performance where flexibility and operational reliability are paramount.

### Core features:

- L2 to L3 functionality
- 16x10/100/1000Base-TX, RJ45
- 2x10Gb/s fiber, Stratos HMC
- Web GUI or CLI for configuration
- MIL-STD-810 and MIL-STD-461
- IP65
- Operating temp -40°C to +60°C



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## DATA DISTRIBUTION

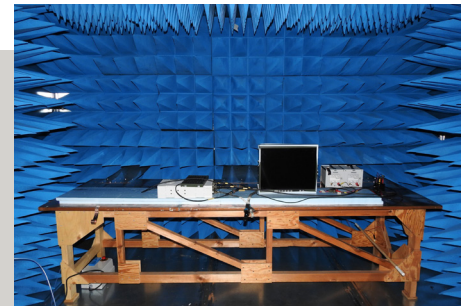
The SRES Ethernet switch delivers maximum flexibility in tough environments, ensuring secure, reliable communication and data exchange for portable or containerized solutions, as well as lighter vehicles.

Built to adapt to diverse operational needs, it empowers users to maintain connectivity and control wherever the mission takes them .

## RELIABLE OPERATIONS

Our Ethernet switch portfolio includes the most reliable solutions for your critical applications. Built to comply with Mil-STD-461 and MIL-STD-810 and beyond meanwhile delivering full performance.

All our products are ITAR-free. Together with our fully owned IPR and inhouse production we have control. To ensure supplies of today and tomorrow.



## FLEXIBLE SOLUTIONS

The switch platforms can be supplied in three pre-defined levels of functionality, from layer 2 functionality to complex data control and routing in Layer 3.

### SRES18F Dimensions

Height: 44 mm (1U)

Width: 220 mm

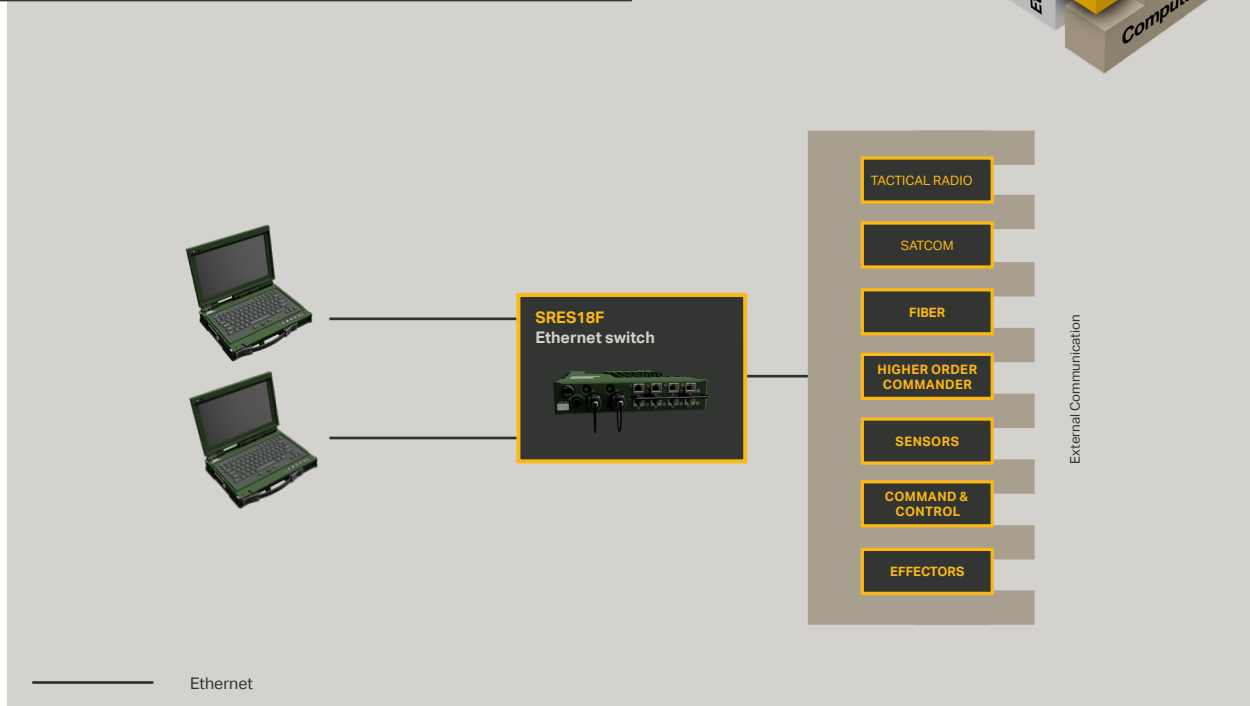
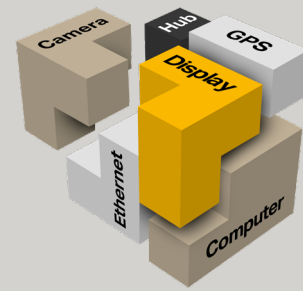
Depth: 306 mm (excl. connector)

Weight: 3 kg (approx.)

### SRES18F - Rear view



Saab Tactical Electronics portfolio offers building blocks according to open standards to create your dedicated system.



## Specifications – Semi Rugged Ethernet Switch 18F

Up to 18x10/100/1000BaseT(x) ports incl. 2x1/10Gb/s optical fiber connections (1310nm)	<b>Example of configurable features:</b>
Layer 2 to Layer 3 functions	VLAN (802.11Q and port based)
Web GUI or CLI for configuration	Multicast (IGMP snooping)
Operating temperature: -40°C to +60°C	SNMP v1/v2c/v3
Storage temperature: -40°C to +71°C	Port mirroring
Sealed housing, IP65	Quality of Service
Comply to MIL-STD-810 and MIL-STD-461	IGMP filtering
Power supply according to MIL-STD-1275	Management via SSH
MIL-C-38999 series III connector, Electroless Nickel. Other options available.	PTPv2/IEEE 1588.v2
Internal status supervisory and log	DHCP server acc. to RFC2131
RJ45 industrial design / Stratos HMC 2-channel connectors	

See also our product RES8-12 and RES16-28 witch offers similar features in fully ruggedized format with 38999- connectors.

Specifications subject to change without notice.  
Company confidentiality: Company unclassified  
Defence secrecy: Not classified

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