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Data Sheet

August 2, 2026

ASTRONICS / EADS / RACAL

Astronics / EADS / Racal 405092 Standard System Monitor (SMS) Module

Astronics / EADS / Racal 405092 Standard System Monitor (SMS) Module The Astronics / EADS / Racal 405092 (405092) is the spare/replacement Standard Monitoring System (SMS) module for the Racal Instruments 1261B 13-slot high-performance C-size VXI mainframe. SMS provides basic chassis monitoring compared with the Enhanced Monitoring System (EMS, P/N 405094). It monitors mainframe voltages, temperatures, and fan speeds class functions from the dedicated rear monitor slot using an independent power rail and consumes no VXI instrument slot. The module supports factory configuration and status readout appropriate to SMS capability—without the full interactive VXI/RS-232 limit-setting and TTL trigger features of EMS. Ordering as spare 405092 for 1261B SMS-equipped chassis. The Astronics / EADS / Racal 405092 (405092) is the spare/replacement Standard Monitoring System (SMS) module for the Racal Instruments 1261B 13-slot high-performance C-size VXI mainframe. SMS provides basic chassis monitoring compared with the Enhanced Monitoring System (EMS, P/N 405094). It monitors mainframe voltages, temperatures, and fan speeds class functions from the dedicated rear monitor slot using an independent power rail and consumes no VXI instrument slot. The module supports factory configuration and status readout appropriate to SMS capability—without the full interactive VXI/RS-232 limit-setting an

**MODEL****Astronics / EADS /
Racal 405092****CALIBRATION****Available on
request****CONDITION****Used****STATUS****In stock****RFQ / SKU****405092****LISTING**[https://aumictechlabs.c
om/products/405092-
2/](https://aumictechlabs.com/products/405092-2/)

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This unit

The Astronics / EADS / Racal 405092 Standard System Monitor (SMS) Module is a monitoring component engineered for industrial environments requiring real-time system performance visibility. This module delivers essential insights into system reliability and uptime, supporting integration into larger control and monitoring architectures. Technical Specifications Model: 405092 Manufacturer: Astronics / EADS / Racal Dimensions: 330 mm × 280 mm × 23 mm Weight: 1.2 kg Color Options: Green, white, red, or blue Warranty: One year (new products) Minimum Order Quantity: 1 piece Stock Status: Available Key Features Industrial-grade system monitoring for demanding applications Modular design enabling integration into existing systems Multiple color variants for system identification and organization Factory-original import with genuine product guarantee Compact form factor: 23 mm profile Typical Applications Industrial automation requiring system performance monitoring Avionics and aerospace test systems Reliability and uptime tracking in critical installations Compatibility & Integration The SMS Module integrates into industrial automation and avionics systems leveraging Astronics' established monitoring and data interface architecture. Designed as a standard component (non-custom), it supports modular deployment within multi-component test and control environments. Full technical documentation including datasheets, manuals, and instruction sets are available.

Features & description

From manufacturer datasheet

Features

- Standard Monitoring System (SMS) for 1261B VXI mainframe
- Monitors voltages, temperatures, fan speeds (chassis class)
- Rear dedicated monitor slot installation
- Independent monitor power rail; no VXI instrument slot used
- Basic chassis monitoring vs EMS 405094 enhanced features
- Spare ordering P/N 405092
- Related: EMS 405094; fan module 407375; PSU 407377-910

405092 Characteristics / Specifications

PARAMETER	VALUE
Model	405092 (405092)
Manufacturer	Astronics Test Systems / EADS / Racal Instruments
Instrument Type	Standard Monitoring System module (1261B accessory)
Host Chassis	Racal Instruments 1261B VXI mainframe
Monitor Type	SMS (Standard Monitoring System)
Installation	dedicated rear monitor location (not a VXI instrument slot)
Monitored Parameters	chassis voltages; slot/chassis temperatures; fan speeds class
Enhanced Alternative	405094 EMS (interactive limits, RS-232, TTL triggers)
Related Spares	fan module 407375; power supply 407377-910
Slot Consumption	none (monitor bay only) Standard Operating Conditions Install only in the designated 1261B SMS/EMS rear monitor position per the 1261B user manual. Apply independent monitor power before expecting status readout. Do not install in a standard VXI instrument slot.
Related	EMS 405094; fan module 407375; PSU 407377-910

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

performance C-size VXI mainframe. SMS provides basic chassis monitoring compared with the Enhanced Monitoring System (EMS, P/N 405094). It monitors mainframe voltages, temperatures, and fan speeds class functions from the dedicated rear monitor slot using an independent power rail and consumes no VXI instrument slot. The module supports factory configuration and status readout appropriate to SMS capability-without the full interactive VXI/RS-232 limit-setting and TTL trigger features of EMS. Ordering as spare 405092 for 1261B SMS-equipped chassis.

Applications

1261B mainframe basic health monitoring; SMS spare replacement; chassis voltage/temperature/fan oversight in legacy Racal VXI systems; distinguishing SMS vs EMS when restoring monitor functionality.

Key Features

- Standard Monitoring System (SMS) for 1261B VXI mainframe
- Monitors voltages, temperatures, fan speeds (chassis class)
- Rear dedicated monitor slot installation
- Independent monitor power rail; no VXI instrument slot used
- Basic chassis monitoring vs EMS 405094 enhanced features
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Standard Operating Conditions

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Operational Notes

405092 is SMS basic monitoring-confirm SMS vs EMS faceplate (405092 vs 405094) before expecting RS-232 Soft Front Panel, user limit interrupts, or TTL trigger I/O. Upgrade path to full EMS is replacement with 405094 when enhanced monitoring is required.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.