

TITAN COTS – FOR SHOCK AND VIBRATION LEVELS TILL 25g

For rugged applications within the mobile aerospace and defense industry, nVent introduces the nVent SCHROFF Titan COTS system with enhanced shock and vibration resistance. This 19" VME64x system is mechanically based on the SCHROFF EuropacPRO type R subrack and can withstand shock loadings up to 25g and vibrations up to 3g.



TECHNICAL CHARACTERISTICS

- 24 VDC Input at the rear side
- LED voltage display at the front plate
- By default 6U I/O-card cage in the front and back with 12 Slot VME64x-Backplane
- Other slot count possible
- VPX-, VXS-, CompactPCI-, MicroTCA or any other specific backplanes on demand
- Optional mounted telescopic rails increase the service-friendliness
- Honeycomp filter for improved EMI protection

SYSTEM IN ACCORDANCE WITH:

- IEC 60297-3-100, -101, -102, -103, -104, -105
- IEEE 1101.1, IEEE 1101.10/11
- IP 20, in accordance with IEC 60529
- MIL-STD 810F (Shock 10g 30ms)
- MIL-STD 167 (Vibration)
- MIL-STD 461 (EMC)

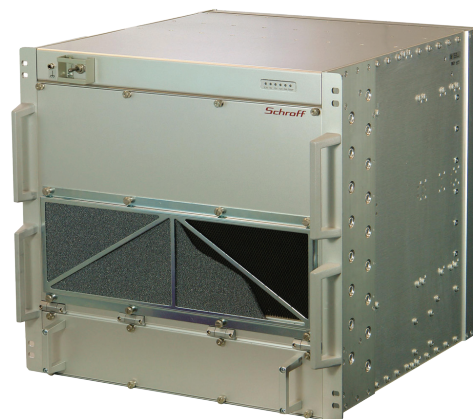
ADVANTAGES AND BENEFITS

- Optional heat dissipation with front-to-back forced air cooling and fan speed control
- Front cooling panel is easily removed for maintenance and accessibility
- Simple and quick adaptations with modular construction

SCHROFF Rugged-Systems

FLEXIBLE ADAPTATION POSSIBLE

- Height, width, depth, slot count
- Position and type of mounting bracket
- Position and number of front and rear panel, I/O connectors
- Material used (EN AW6062, 6082, 7075, ...)



ORDER INFORMATION

Description	Order number
Rugged Subrack VME64x	20836-280



FOR MORE INFORMATION: nVent.com/SCHROFF

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