DATA SHEET

MXK-F Management Cards: MXK-MC-TOP, MXK-MC-AETG2-TOP

Features

- Supports 1588v2, SyncE, and E1/T1/BITS timing inputs
- Can be utilized in both single and redundant configurations
- Full range of management options including SNMP, CLI, and integration into DZS's ZMS Element Management System
- Industrial temperature hardened

Overview

Demands on access networks continue to accelerate, and technology advances change and evolve at light speed to cope with this growth. To build a platform with more than 10-years reach requires a networking innovator with extraordinary vision, proven bench strength and experience, and of course, exceptional technology to keep pace.

With over 1,000 global customers deploying DZS' world-class solutions for their service provider and enterprise networks, in some of the harshest and most demanding environments in the industry in its pedigree, DZS' MXK-F™ ultra high-capacity fiber-optimized aggregation platform is the latest cost-effective addition to its world renowned MXK™ portfolio.

At the heart of this highly-capable platform is the MXK-F™ Management Card. With countless years of proven field experience, the management architecture of the MXK-F™ represents DZS's latest state-of-the-art design, further raising the bar set high by other DZS MXK-family solutions.

With a fully distributed database, both boot and upgrade times are exceedingly low to reduce enterprise and service provider OPEX, and since the forwarding plane control does not reside on the MXK-F™ Management Card, reboots and upgrade events are much simpler ensuring an optimal level of both reliability and availability – particularly when optionally equipped with redundant MXK-F™ Management Cards.

Also, in addition to its management duties and user interface support ports, MXK-F™ Management Cards provide synchronization connection points for Synchronous Ethernet, 1588v2, and E1/T1/BITS timing inputs.

Specifications

WEIGHT & DIMENSIONS

- 7.40" x 0.87" x 8.33" (188mm x 22mm x 212mm)

POWER

MXK-MC-TOP (F14xx only)

- Shelf powered; 16W nominal/maximum

MXK-MC-AETG2-TOP (F219 only)

- Shelf powered; 23W nominal, 29W maximum when equipped with 2 SFP+ transceivers at 3.0W each

REGULATORY COMPLIANCE

Safety

- UL 60950-1/R:2011-12
- CAN/CSA C22.2 No. 60950-1/A1:2011
- EN 60950-1/A2:2013

EMC Emissions

- FCC Part 15 Class A
- EN 55022:2010 Class A
- ICES-003 Class A
- ETSI EN 300 386 V1.6.1

OPERATING REQUIREMENTS

- Ambient operating temperature: -40° C to +65° C
- Relative operating humidity: up to 85% (non-condensing)
- Designed for outside plant deployment
- Altitude: -200ft to 16,500ft (-60m to 5,000m)

MANAGEMENT

- ZMS management system
- SNMP v2/v3
- Command Line Interface (CLI)

PROTOCOL SUPPORT

- File Transfer Protocol (FTP) RFC 959
- Secure File Transfer Protocol (SFTP) RFC 2228
- SNMPv2c,v3, RFC 3411-RFC 3418
- HTTP / HTTPS
- Telnet
- SSH

For more information, connect with us at dasanzhone.com/contact

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