HIRSCHMANN
A **BELDEN** BRAND

Product: DRAGON PTN2210, Chassis w. 10 Interfaces ↗

Full Gigabit MPLS-TP Switch with 10 media module slots

Product Description

Full Gigabit MPLS-TP Switch with 10 interface options supporting 10 Gigabit XFP ports, Advanced Packet Transport features, redundant design with redundant CPU and power supply

Technical Specifications

Product description

Type:	DRAGON PTN2210
Name:	DRAGON PTN2210
Part Number:	942228004
Port type and quantity:	Up to 4 x 10 Gigabit Ethernet and 23 x 1 Gigabit Ethernet, modular design with various module configurations (PTN-4-E1T1-L, PTN-7-SERIAL, PTN-2-OLS, etc.), hot pluggable modules and power supply, future proof 40 Gigabit Ethernet (available soon)

Network size - cascadibility

Line - / star topology:	any

Power requirements

Operating Voltage:	Built-in power supply - Internal and redundant, 175 W up to 1000 W rated power, PoE up to 480 W

Software

Switching:	Sub 50ms protection switching in all network topologies (MPLS-TP), Non-blocking 64 Gbps, 95 Mpps (Layer 2 throughput), MTU up to 9k, 32k MAC addresses, 4k Layer 2 Multicast entries, 2k VFI, 4k MPLS entries, BFD hardware support
Management:	Auto provisioned and auto setup DCN for management, Full SNMP v3 management (no CLI needed), Management port on each CSM module, 2 input contacts allowing forwarding of local alarms to the TXCare platform, 2 output contacts for local triggering of alarms, Removable memory allowing easy replacement of CSM in the field, Hardware supported OAM, Automatic protection switching via BFD, LSP ping and LSP trace via BFD, Performance monitoring based on Y.1731 Loss and Delay
Diagnostics:	Advanced monitoring capabilities based on MPLS-TP OAM enhancements
Security:	Sticky MAC for easy locking of MAC address per service, MAC and IP based ACL, SNMPv3 encryption and authentication, Disable unsed portsLocked Node ID's, Logical separation of services, Centralized user authentication and central event logging, Audit trail
Management Software:	HiProvision platform for user friendly and fast deployment of the network. Supported by the automatic setup of the DCN and OAM features for continuous monitoring. SNMP v1/v2/v3

Ambient conditions

MTBF:	665 years
Operating temperature:	-30-+65 °C
Storage/transport temperature:	-30-+75 °C
Relative humidity (non-condensing):	10-95 %

Mechanical construction

Dimensions (W x H x D):	434 mm x 132.5 mm x 210 mm
Mounting:	19" Control Cabinet or DIN-Rail
Protection class:	IP20

Approvals

Basis Standard:	C-Tick, CE, EN 61131

Safety of industrial control equipment:	IEC 61850-3, IEEE 1613
Transportation:	EN50121-4

Scope of delivery and accessories

Variants

Item #	Type
942228004	DRAGON PTN2210

Update and Revision:	Revision Number: 0.38 Revision Date: 08-07-2020