

# FL SWITCH EP7400

## Intelligent Cyber Secure Platform



### Overview

The FL SWITCH EP7400 is an Intelligent Cyber Secure Platform offering a rich set of Layer 2 and Layer 3 features. The EP7400 has been designed for future scalability. Its modular system of field replaceable modules, hot-swappable power supplies, and its ability to run third party software applications makes it a very flexible platform for today and the future.

#### Key Benefits

- Proven Reliability in Harsh Utility Environments.
- Meet the needs of mission critical applications with support for zero packet loss and resilient network protocols.
- Reduce downtime with field replaceable modules and power supplies.
- State of the art cyber security solutions.


### Feature Highlights

Hardware	Network Protocols	Security
IEEE 1613/IEC 61850-3	IEEE 1588v2 PTP Transparent Clock	Complex Passwords
Ethernet Up to 24-ports Ethernet 100Mbps/1Gbps Up to 4-ports Ethernet 1/10Gbps	HSR/PRP Spanning Tree	Control over Peripheral Ports
Serial Modules: DB9 and RJ45 options	Modbus and Raw Socket	TACACS+
Power over Ethernet	Rate Limiting and Storm Control	RADIUS
Hot-Swappable, Dual Power Supplies	MRP	ACLs
-40°C to 85°C Operating Range	OSPF	802.1x Authentication

For more information, visit <https://www.phoenixcontact.com/en-us/us-lp-us-ep7400> or simply scan the QR code.



# RAPTOR Chassis

Chassis	Description	Designation	Item No.
	FL SWITCH EP7400 Series Chassis. IEC 61850-3 / IEEE 1613, Layer 2/3 Switch, -40°C to +85°C Operating Range	FL SWITCH EP7428R-L3F1	1144353
	FL SWITCH EP7400 Series Chassis. IEC 61850-3 / IEEE 1613, Layer 2/3 Switch, -40°C to +85°C Operating Range, Supports up to 24-ports PoE	FL SWITCH EP7428R-L3F1P	1539668

## RAPTOR Modules

Ethernet and Serial Line Modules Available on the RAPTOR

Ethernet Modules	Description	Designation	Item No.
	8-port 10/100/1000BaseTX For slots 1-3	FL SWITCH EP7400-M8GRJ45	1144375
	4-port 10/100/1000BaseTX plus 4-port 100/1000-BaseXSFP blank slots (no transceivers), For slots 1-3	FL SWITCH EP7400-M4GRJ45-4GSFP	1539361
	8-port 100/1000BaseXSFP blank slots (no transceivers), For slots 1-3	FL SWITCH EP7400-M8GSFP	1144383
	4-port 1/10 GigE BaseXSFP blank slots (no transceivers), For slot 4	FL SWITCH EP7400-M4TGSFP	1144388
	8-port 10/100/1000BaseTX PoE Capable line module, For slots 1-3	FL SWITCH EP7400-M8POE	1539669
	Blank Slot cover For use in slots 1-3	FL SWITCH EP7400-ABLK	1144353
Serial Modules	Description	Designation	Item No.
	8x Serial RJ45 Interfaces, RS232/422/485 For use in slots 1-3	FL SWITCH EP7400-M8SERRJ	1539362
	4x Serial DB9 Interfaces, RS232/422/485 For slots 1-3	FL SWITCH EP7400-M4SERDB	1539365
HSR/PRP Line Module	Description	Designation	Item No.
	Up to two RedBoxes supported. HSR, PRP and HSR-PRP coupling modes are supported	FL SWITCH EP7400-MHSR-PRP	1510975
MCP Computing Module	Description	Designation	Item No.
	MCP Computing Module , Windows 10 Pro, 256GB storage	FL SWITCH EP7400-MCP-W-256GB	1539385
	MCP Computing Module , Windows 10 Pro, 512GB storage	FL SWITCH EP7400-MCP-W-512GB	1539414
	MCP Computing Module , Windows 10 Pro, 1TB storage	FL SWITCH EP7400-MCP-W-1TB	1539416
	MCP Computing Module , Windows 10 Pro, 2TB storage	FL SWITCH EP7400-MCP-W-2TB	1539658
	MCP Computing Module , CentOS 7, 256GB storage	FL SWITCH EP7400-MCP-C-256GB	1539661
	MCP Computing Module , CentOS 7, 512GB storage	FL SWITCH EP7400-MCP-C-512GB	1539663
	MCP Computing Module , CentOS 7, 1TB storage	FL SWITCH EP7400-MCP-C-1TB	1539665
	MCP Computing Module , CentOS 7, 2TB storage	FL SWITCH EP7400-MCP-C-2TB	1539666
Power Supplies	Description	Designation	Item No.
	Power Supply Nominal Range: 100-240 VAC at 50/60 Hz / 100-240 VDC Operating Range: 85-264 VAC, 88-300VDC	FL SWITCH EP7400-PS-HV	1144175
	Power Supply Nominal Range: 48 VDC Operating Range: 36-72 VDC	FL SWITCH EP7400-PS-MV	1144372
	Power Supply Nominal Range: 24 VDC Operating Range: 10-36 VDC	FL SWITCH EP7400-PS-LV	1144367