

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Emerson DeltaV
FP20-6TX2TX KJ1611X1-BA1 12P4448X032

TYPE	PORTS	SUPPLY	MOUNTING
Smart Switch	8 copper RJ45	24 VDC	DIN rail

Emerson FP20-6TX2TX is a DeltaV Smart Switch with six 10/100BASE-TX copper access ports and two 10/100BASE-TX copper uplink ports. It is intended for managed control-network service and DIN-rail installation.

01

CURRENT PAGE PARAMETERS

Product Model	FP20-6TX2TX
Assembly References	KJ1611X1-BA1 / 12P4448X032
Product Family	DeltaV Smart Switches
Total Ports	8 copper RJ45 ports
Access Ports	6 x 10/100BASE-TX
Uplink Ports	2 x 10/100BASE-TX
Rated Supply	24 VDC
Current Consumption	221 mA at 24 VDC
Mounting	DIN-rail mounting
Dimensions	7.2 x 12.5 x 13.2 cm
Weight	0.35 kg
Commodity Code	8517623990

Source: Emerson DeltaV SIS Safety Network Components product data sheet and DeltaV Smart Switch ordering information.

02 INSTALLATION AND NETWORK SUMMARY

Network Medium	Copper twisted-pair Ethernet
Connector Type	RJ45
Port Speed	10/100 Mbit/s
Primary Use	DeltaV control-network switching
Configuration	Managed through supported DeltaV tools
Diagnostics	Switch and port status monitoring
Security Function	Supported port locking and access control
Power Input	Regulated nominal 24 VDC
Grounding	Grounded DIN rail and cabinet bonding required
Installation	Industrial control enclosure
Replacement Check	Restore network and port configuration
Controlled Reference	Current Emerson DeltaV documentation

03 DOCUMENT CONTROL

Verify power, grounding, network architecture, port assignments, firmware compatibility, environmental limits, and cybersecurity settings against the current controlled Emerson documentation before commissioning.