DIAMOND *flexos*
Fiber Optic Active Components

SWITCHES

1000Base T/SX/LX
10/100Base T/TX

The Diamond Industrial Entry Line Switch supports multiple 10/100BaseTX and/or 1000BaseT access ports on Fast Ethernet and Gigabit fiber optic lines, mounted onto a 35 mm DIN-Rail. The extremely compact design makes this product suitable for applications in various wall boxes and cabinets. The SFP slots offers a wide range of transceivers, which allows a flexible and cost effective fiber connection for multimode and singlemode networks.

The devices are immediately ready for operation, and extensive configuration is not necessary. The device is ready for redundant power supply connection and offers a power fault alarm relay.

FEATURES AND BENEFITS

▶ Fast Ethernet and Gigabit Performance for Industrial Networks
▶ E-2000® or SFP slots for fiber uplinks
▶ Easy handling (Plug and Play)
▶ Cost effective and compact design, mounting on 35mm DIN-Rails
▶ Connection of redundant power supply
▶ Power fault alarm relay

SPECIFICATIONS

Compatibility:	IEEE802.3/100BaseTX and 100BaseFX
	IEEE820.3ab 1000BaseT
Type:	Fast Ethernet Industrial Switch with 5-6 Port
	(4x10/100BaseTX, 1-2x100BaseFX) or
	Gigabit Industrial switch with 5-8 Port
	(4-6x10/100/1000BaseT, 2x1000BaseT or SFP)
Interfaces:	Optical: 1/2x E-2000® LAN Low Profile or SFP
	Electrical: 4/6x RJ45
Cable type:	UTP/STP, Cat. 5e
Fiber Type:	Multimode 50 or 62,5/125µm
	Singlemode 9/125µm
Data rate:	T/TX: 10/100Mbit/s resp. 10/100/1000 Mbit/s
	T/SX/LX: 10/100Mbit/s resp. 10/100/1000 Mbit/s
Wavelenght:	Multimode 850nm resp. 1300nm
	Singlemode 1310nm
Max. distance:	100m (UTP/STP)
	Full-duplex 100Mbit/s 2km / 1000Mbit/s 550m (MM)
	Full-duplex 100Mbit/s 15km / 1000Mbit/s 10km (SM)
Dimensions:	30 x 95 x 140 mm (W x D x H)
Operating temp.:	-10° to 60°C, -40° to 75°C (optional)
Storage temp.:	-40° to 85°C
Rel. humidity:	5% to 95% non condensing
Power supply:	12…48V DC, max. 5,5W
LED display:	Link/Activity (green)
	Full duplex/Collision (yellow)
	P1, P2 Fault (red)

EQQ 1051558

EQQ 1050305

DIAMOND
the fiber meeting

Specifications subject to change without notice

BDD 1951060 *08_20*

ORDER INFORMATION

PRODUCT NAME	DESCRIPTION	ORDER NUMBER
Fast Ethernet Entry Line Industrial Switch 10/100 5 Port MM	E-2000® Entry Line Industrial Switch 4 Port 10/100BaseTX, 1 Port 100BaseFx 1x E-2000® MM, 1300nm, 24VDC	EQQ 1051558
Fast Ethernet Entry Line Industrial Switch 10/100 5 Port SM	E-2000® Entry Line Industrial Switch 4 Port 10/100BaseTX, 1 Port 100BaseFx 1x E-2000® SM, 1310nm, 24VDC	EQQ 1051559
Fast Ethernet Entry Line Industrial Switch 10/100 6 Port MM	E-2000® Entry Line Industrial Switch 4 Port 10/100BaseTX, 2 Port 100BaseFx 2x E-2000® MM, 1300nm, 24VDC	EQQ 1051560
Fast Ethernet Entry Line Industrial Switch 10/100 6 Port SM	E-2000® Entry Line Industrial Switch 4 Port 10/100BaseTX, 2 Port 100BaseFx 2x E-2000® SM, 1310nm, 24VDC	EQQ 1051561
Gibabit Entry Line Industrial Switch 10/100/1000 5 Port SFP	SFP Entry Line Industrial Switch 4 Port 10/100/1000BaseT, 1 Port SFP* 24VDC	EQQ 1050305
Gibabit Entry Line Industrial Switch 10/100/1000 8 Port SFP	SFP Entry Line Industrial Switch 6 Port 10/100/1000BaseT, 2 Port SFP* 24VDC	EQQ 1051562
Power Supply Module 24W 24VDC	AC-DC DIN-Rail Power Supply, 24W 24VDC/1.0A wide range input 85-264 VAC	EQQ 1032969

* Please refer to the SFP Module datasheet