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

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