

Coming Soon

# EtherDevice™ Switch EDS-316 Series

## Industrial 16-Port Unmanaged Ethernet Switches



### Maximum Flexibility & Reliability

- **Flexible combinations** of TP, SC, or ST connector to meet different application demands
- **Relay output warning** for power failure and port break alarm
- **Redundant** dual 24 VDC power inputs
- **Broadcast storm** protection
- **-40 to 75°C** operating temperature range



### Redundant Power Inputs

EDS-316 provides two power inputs that can be connected simultaneously to live DC power sources. If one of the power inputs fails, the other live source acts as a backup to provide the EDS-316's power needs automatically.

### Broadcast Storm Protection

EDS-316 will discard broadcast or multicast packets if the number of those packets exceeds a threshold in a preset period of time. This protects against receiving too many broadcast packets, which could cause the network to crash.

### Relay Output Alarm for Port Breaks, Power Failure

EDS-316 provides relay contact outputs to warn technicians on the shop floor when the power fails or a port link breaks, so they can respond quickly with appropriate emergency operation procedures.

### Transmit VLAN Tag Packets Transparently

EDS-316 can transmit and receive VLAN tag packets unchanged.

## Ordering Information

Standard Temperature	Extended Temperature	TP Ports	FO Ports			
			MSC	MST	SM	SM-80
EDS-316	EDS-316-T	16	---	---	---	---
EDS-316-M-SC	EDS-316-M-SC-T	15	1	---	---	---
EDS-316-M-ST	EDS-316-M-ST-T	15	---	1	---	---
EDS-316-S-SC	EDS-316-S-SC-T	15	---	---	1	---
EDS-316-S-SC-80		15	---	---	---	1
EDS-316-MM-SC	EDS-316-MM-SC-T	14	2	---	---	---
EDS-316-MM-ST	EDS-316-MM-ST-T	14	---	2	---	---
EDS-316-SS-SC	EDS-316-SS-SC-T	14	---	---	2	---
EDS-316-SS-SC-80		14	---	---	---	2
EDS-316-SS-SC-40/80		14	---	---	1	1
EDS-316-MS-SC	EDS-316-MS-SC-T	14	1	---	1	---
EDS-316-MS-SC-80		14	1	---	---	1

\* TP (Twisted Pair): 10/100BaseT(X), RJ45

\* FO (Fiber Optic): 100BaseFX port,

MSC: Multi mode, SC connector

MST: Multi mode, ST connector

SM: Single mode, SC connector

SM-80: Single mode, SC connector, 80 km

\* Standard models have an operating temperature range of 0 to 60°C. Extended temperature models (-T models) have an operating temperature range of -40 to 75°C.



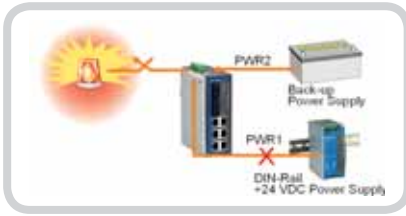
# EtherDevice™ Switch EDS-308/305 Series

## Industrial 8- or 5-Port Unmanaged Ethernet Switches



### Cost-effective, Smart Switch

- Relay output warning for power failure and port break alarm
- Redundant dual 24 VDC power inputs
- Broadcast storm protection
- -40 to 75°C operating temperature range



### Redundant Power Inputs

- EDS-308/305 provides two power inputs that can be connected simultaneously to live DC power sources.

### Relay Output Alarm for Port Break, Power Failure

EDS-308/305 provides relay contact outputs to warn technicians on the shop floor when the power fails or a port link breaks, so they can respond quickly with appropriate emergency operation procedures.

### Broadcast Storm Protection

EDS-308/305 will discard broadcast or multicast packets if the number of those packets exceeds a threshold in a preset period of time. This protects against receiving too many broadcast packets, which could cause the network to crash.

### Transmit VLAN Tag Packets Transparently

EDS-308/305 can transmit and receive VLAN tag packets unchanged.

## Ordering Information

Standard Temperature	Extended Temperature	TP Ports	FO Ports			
			MSC	MST	SM	SM-80
EDS-305	EDS-305-T	5	---	---	---	---
EDS-305-M-SC	EDS-305-M-SC-T	4	1	---	---	---
EDS-305-M-ST	EDS-305-M-ST-T	4	---	1	---	---
EDS-305-S-SC	EDS-305-S-SC-T	4	---	---	1	---
EDS-305-S-SC-80	EDS-305-S-SC-80-T	4	---	---	---	1
EDS-308	EDS-308-T	8	---	---	---	---
EDS-308-M-SC	EDS-308-M-SC-T	7	1	---	---	---
EDS-308-S-SC	EDS-308-S-SC-T	7	---	---	1	---
EDS-308-MM-SC	EDS-308-MM-SC-T	6	2	---	---	---
EDS-308-MM-ST	EDS-308-MM-ST-T	6	---	2	---	---
EDS-308-SS-SC	EDS-308-SS-SC-T	6	---	---	2	---
EDS-308-S-SC-80	EDS-308-S-SC-80-T	7	---	---	---	1
EDS-308-SS-SC-80	EDS-308-SS-SC-80-T	6	---	---	---	2

- \* TP (Twisted Pair): 10/100BaseT(X), RJ45
- \* FO (Fiber Optic): 100BaseFX  
 MSC, Multi mode, SC connector  
 MST, Multi mode, ST connector  
 SM, Single mode, SC connector  
 SM-80, Single mode, SC connector, 80 km
- \* Standard models have an operating temperature range of 0 to 60°C. Extended temperature models (-T models) have an operating temperature range of -40 to 75°C.

# Entry-level EtherDevice™ Switch EDS-208/205

## Industrial 8- or 5-Port Unmanaged Ethernet Switches



### Cost-effective Solution with Compact & Rugged Design

- 8- and 5-port unmanaged switches with 10/100BaseT(X) (RJ45), 100BaseFX (Multi mode, SC/ST connector)
- Supports IEEE 802.3/802.3u/802.3x
- -10 to 60 °C operating temperature range
- Power inputs: 12 to 45 VDC, 18 to 30 VAC
- DIN-Rail mounting ability



### DC or AC Power Input Options

With EDS-208/205, you can choose either 24 VDC or 24 VAC power input. The 24 VAC power input is specially designed for applications in the building automation field where the source of power input is often restricted.

### Broadcast Storm Protection

EDS-208/205 series will discard broadcast or multicast packets if the number of those packets exceeds a threshold in a preset period of time. When the preset period expires, it will then resume receiving broadcast or multicast packets until the threshold is reached again.

### Industrial Design

- Operating temperature range from -10 to 60°C
- Case designed meets IP30 protection standard
- Versatile power inputs: 12 to 45 VDC, or 18 to 30 VAC (47 to 63 Hz)
- DIN-Rail mounting ability

## Ordering Information

Model	Media	TP Ports	FO Ports	
			MSC	MST
EDS-208		8	---	---
EDS-208-M-SC		7	1	---
EDS-208-M-ST		7	---	1
EDS-205		5	---	---

\* TP (Twisted Pair): 10/100BaseT(X), RJ45

\* FO (Fiber Optic): 100BaseFX  
 MSC, Multi mode, SC connector  
 MST, Multi mode, ST connector

