

# Unmanaged Industrial Fast Ethernet Switches & Converter

## 10/100Mbps-TX to 100Mbps-FX Wide-Temperature



### SFC300C/SFC300S/SFC300-T/SFC300-SFP

- High speed and stable data transmission fiber cable connection for wide bandwidth and long distance Fast Ethernet Solution
- Wide Operating Temperature : -40°C~80°C
- Wide-range redundant DC Power Input DC 12V~48V
- Power polarity reverse protect
- Provide 1-Port 10/100Mbps-TX, 1-Port 100Mbps-FX
- Auto MDI-X TP Port and Auto-Negotiation
- Dip Switch, 10/100Mbps, Full/Half Duplex, LLCF on/off

## Specifications

Technology	- Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Base-FX
Interface	- RJ45 Ports	1-Port 10/100Mbps-T(X), Auto-Negotiation, Auto MDI/MDI-X TP/STP Cat. 3, 4, 5, 6 Cable EIA/TIA-568 100-ohm(100m)
	- Fiber Ports	1-Port 100Mbps-FX with SC connector Multi mode: 62.5/125 $\mu$ m(2km), Single mode: 9/125 $\mu$ m(~100km)
	- LED Indicators	Per unit: Power, Fault TX Port (Link/Act, FDX/HDX, Speed) FX Port (Link/Act)
	- Dip Switch	External DIP : Auto-Negotiation, 10/100Mbps, Full/Half Duplex, LLCF on/off(SFC300C)
Performance	- Data Transfer	100Mbps
Environmental	- Temperature	Operation: -40°C ~ 80°C, Store: -45°C ~ 85°C
	- Humidity	5% ~ 95% (Non-condensing)
Power Supply	- Input Voltage	DC 12V~48V(Terminal Block), Power polarity reverse protect
	- Installation	DIN-Rail
Mechanical	- Dimensions	33mm(W) x 82mm(D) x 112mm(H)(SFC300C), 674g (Full-Package) 42mm(W) x 87mm(D) x 113mm(H)(SFC300S/SFC300-T/SFC300-SFP), 739g (Full-Package)

## Ordering Information

Model Name	Description
SFC300-CM	1-Fiber Port + 1-TP Port, Multi-mode, 2km, 1310nm
SFC300-CS	1-Fiber Port + 1-TP Port, Single-mode, 20km, 1310nm
SFC300-CSWA/B	1-Fiber Port + 1-TP Port, Single-mode(WDM), 20km, 1550/1310nm(CSWA), 1310/1550nm(CSWB)
SFC300-SCM	1-Fiber Port + 4-TP Port, Multi-mode, 2km, 1310nm
SFC300-SCM2	2-Fiber Port + 4-TP Port, Multi-mode, 2km, 1310nm
SFC300-SCS	1-Fiber Port + 4-TP Port, Single-mode, 20km, 1310nm
SFC300-SCS2	2-Fiber Port + 4-TP Port, Single-mode, 20km, 1310nm
SFC300-T	4-Ports 10/100Mbps TP
SFC300-SFP	4-Ports 10/100Mbps TP + 2-SFP Slots 100Mbps(Option : SM/MM SFP)