









Real-time protocols,  
multimode fiberglass



Real-time protocols,  
single mode fiberglass



IEC 61850-3



Harsh ambient conditions,  
IEC 61850



Technical data
12 V DC ... 48 V DC 110 mA (24 V DC)
1310 nm 8 km (fiberglass with F-G 62.5/125 0.7 dB/km F1000) 3.3 km (fiberglass with F-G 62.5/125 2.6 dB/km F600) 9.6 km (fiberglass with F-G 50/125 0.7 dB/km F1200) 5.3 km (fiberglass with F-G 50/125 1.6 dB/km F800)
LNK/ACT
RJ45 socket, shielded 10/100 Mbps Auto Link fault pass through Auto-MDI(X) LNK/ACT, 100
1 x N/C contact ≤ 250 V AC
28 mm / 110 mm / 70 mm -40°C ... 75°C VCC // FE // Ethernet 1500 V AC (500 V AC, 1 minute) Class A product, see page 527

Technical data	Technical data
FL MC 2000T SM20 SC	FL MC 2000T SM40 SC
12 V DC ... 48 V DC 110 mA (24 V DC)	12 V DC ... 48 V DC 110 mA (24 V DC)
1310 nm 20 km (fiberglass with F-G 9/125 0.36 dB/km)	1310 nm 40 km (fiberglass with F-G 9/125 0.36 dB/km) 36 km (fiberglass with F-G 9/125 0.4 dB/km) 29 km (fiberglass with F-G 9/125 0.5 dB/km)
LNK/ACT	LNK/ACT
RJ45 socket, shielded 10/100 Mbps Auto Link fault pass through Auto-MDI(X) LNK/ACT, 100	RJ45 socket, shielded 10/100 Mbps Auto Link fault pass through Auto-MDI(X) LNK/ACT, 100
1 x N/C contact ≤ 250 V AC	1 x N/C contact ≤ 250 V AC
28 mm / 110 mm / 70 mm -40°C ... 75°C VCC // FE // Ethernet 1500 V AC (500 V AC, 1 minute) Class A product, see page 527	28 mm / 110 mm / 70 mm -40°C ... 75°C VCC // FE // Ethernet 1500 V AC (500 V AC, 1 minute) Class A product, see page 527

Technical data	Technical data
FL MC 2000E LC	FL MC 2000E SM40 LC
12 V DC ... 57 V DC 110 mA (24 V DC)	12 V DC ... 57 V DC 110 mA (24 V DC)
1310 nm 8 km (fiberglass with F-G 62.5/125 0.7 dB/km F1000) 3.3 km (fiberglass with F-G 62.5/125 2.6 dB/km F600) 9.6 km (fiberglass with F-G 50/125 0.7 dB/km F1200) 5.3 km (fiberglass with F-G 50/125 1.6 dB/km F800)	1310 nm 40 km (fiberglass with F-G 9/125 0.36 dB/km) 36 km (fiberglass with F-G 9/125 0.4 dB/km) 29 km (fiberglass with F-G 9/125 0.5 dB/km)
LNK/ACT	LNK/ACT
RJ45 socket, shielded 100 Mbps Link fault pass through Auto-MDI(X) LNK/ACT, 100	RJ45 socket, shielded 100 Mbps Link fault pass through Auto-MDI(X) LNK/ACT, 100
1 x N/C contact ≤ 250 V AC	1 x N/C contact ≤ 250 V AC
30 mm / 130 mm / 100 mm -40°C ... 75°C VCC // FE // Ethernet 1500 V AC (500 V AC, 1 minute) Class A product, see page 527	30 mm / 130 mm / 100 mm -40°C ... 75°C VCC // FE // Ethernet 1500 V AC (500 V AC, 1 minute) Class A product, see page 527

Ordering data		
Type	Order No.	Pcs./Pkt.
FL MC 2000T SC	2891315	1
FL MC 2000T ST	2891316	1

Ordering data		
Type	Order No.	Pcs./Pkt.
FL MC 2000T SM20 SC	2891317	1
FL MC 2000T SM40 SC	2891318	1

Ordering data		
Type	Order No.	Pcs./Pkt.
FL MC 2000E LC	2891056	1
FL MC 2000E SM40 LC	2891156	1