



Identification	Type	MC2030
	Part-No.	772030

Communication	
Standard	IEEE 802.3, 802.3u, 802.3x, 802.3ab, 802.3z
LAN	10 / 100 / 1000 Base-TX, 1000 Base-SX, 1000 Base-LX
Cable length (segment)	Ethernet: max. 100 m, Fibre: 550 m (multimode), 10,000 m (single mode)
Rate of transmission	Max. 1000 Mbps
Connection technology (data)	1 x RJ45, 1 x SC, 6-pin connector
Status Indication	P1, P2, P-Fail, Fibre: Link/Activity, Ethernet: 1000 M, Link/ACTivity

Fibre-optic cables (Single Mode)	
Wavelength	850nm
Tx Power	-4/-9.5 dBm
Rx sensitivity	-18 dBm
Parameters	50 / 125 µm, 62.5 / 125 µm

Fibre-optic cables (Multi Mode)	
DIP switch	Port Alarm, LFP

Safety	
ESD (Ethernet)	DD 4 kV
Surge (EFT for power)	DC 3 kV

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Reverse voltage protection	Yes
Rated over load protection	0.9 A @ DC 12 V, resettable

Monitoring

Power supply voltage monitoring	Relay, 1 normally open
Switching voltage	AC 120 V / DC 28 V
Switching current	1 A @ DC 24 V
Insulation voltage	DC 500 V

General

Operation voltage range	DC 12 V - DC 48 V, redundant
Power consumption	5.18 W
Protection class	IP 30
Relative humidity (operation)	5% - 95% (non-condensing)
Relative humidity (storage)	0% - 95% (non-condensing)
Operation temperature range	-10 °C – 60 °C
Storage temperature range	-40 °C – 85 °C
Dimensions (w x h x d)	37.0 x 140.0 x 95.0 mm
Weight (kg/piece)	0.600
Housing material	Metal
Field installation	rail TS 35 (EN 50022)
Installation position	Any
Termination	Screw terminal, plug-in: 0.2–2.5 mm ²
Standards	UL 60950-1, CAN/CSA-C22.2 No.60950 U.S.A.: FCC Part 15 CISPR 22 EU: EN 55011, EN 61000-6-4, EN 55022 Class A, EN 61000-3-2/3, EN 55024, IEC 61000-4-2/3/4/5/6/8 EN 61000-6-2, IEC60068-2-27, IEC 60068-2-32, IEC 60068-2-6
Approvals	cULus, CE, FCC

Note For more information on LED definition, see the data sheet.

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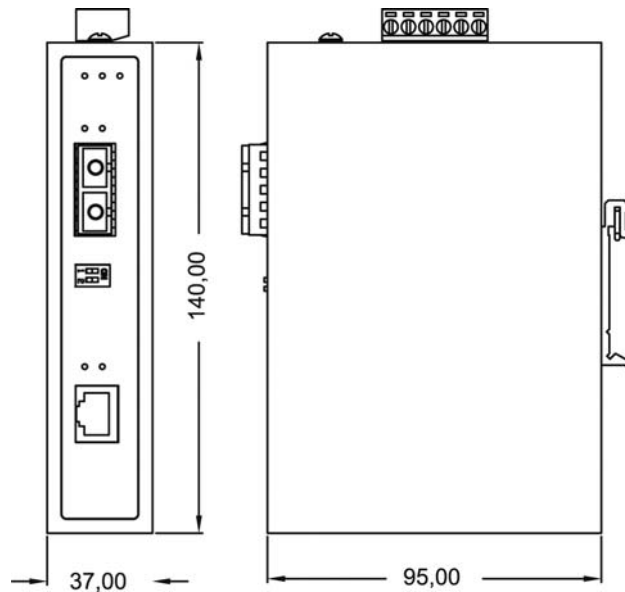
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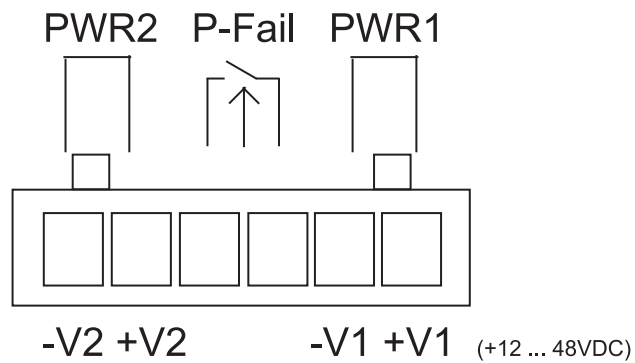


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Dimensions



PIN assignment



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LED status

LED	Color	Description	
P1	Green	On	Power input 1 ist active
		Off	Power input 1 is inactive
P2	Green	On	Power input 2 ist active
		Off	Power input 2 is inactive
P-Fail	Red	On	Power input 1 or 2has failed
		Off	Power input 1 and 2 are both functional, or no power input
LNK/ACT (fiber port)	Green	On	Connected to network
		Flashing	Network is active
		Off	Not connected to network
1000M (RJ-45)	Yellow	On	Link to 1000M bps network
		Off	Not connected to network
LNK/ACT (RJ-45)	Green	On	Connected to network
		Flashing	Networking is active
		Off	Not connected to network

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