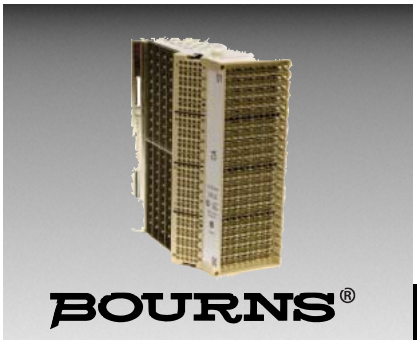


BOURNS®

Features

- 213 mm (8.4 in.) connector height with front-facing jumper and test fields
- 4 inch intervertical spacing when installed on 8 inch verticals - provides ample space for placing cross-connect (jumper) wires
- Slide access protector module field with self-latching design
- Front and rear snap-through fanning strips
- c UL us Listed

MPC® Mainframe Connector (QCM486) 100-Pair Connector

The mainframe connector is a miniature, main distributing frame (MDF), high-density connector for use on the vertical side of main distributing frames or on protector frames.

The MPC® Mainframe Connector terminates 100 outside plant pairs and provides voltage or voltage and current protection for the central office personnel, wiring and equipment. It consists of a heavy gauge metal frame with an integral mounting bracket, flame-retardant plastic bases for the protector module, cross-connect (jumper) and test fields. The cross-connect and test fields are easily accessed from the front of the block to minimize installation and maintenance time.

The MPC® Mainframe Connector may be ordered with either insulation displacement connectors (IDCs) or wire-wrap terminations on the cross-connect (jumper) side. It is also available with 22 or 24 AWG (0.64 or 0.50 mm) stub cable in various lengths or stubless if desired.

The protector modules are installed on the side of the MPC® Mainframe Connector. Bourns® QMP-series solid-state and gas tube protector modules are available for the MPC® Mainframe Connector. The protector modules may be ordered separately or pre-installed in the connector's detent position ready for cutover with full protection assured.

A full range of installation and test accessories are available to support the MPC® Mainframe Connector.

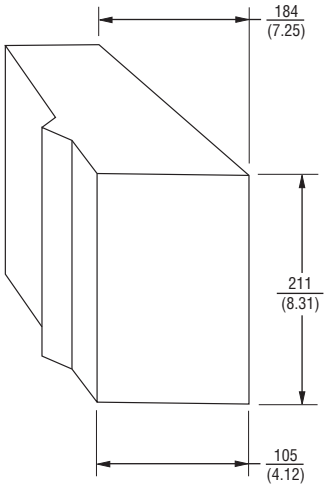
Specifications

Plastic Materials	
Main Body	Polycarbonate, beige, UL 94V-0
Metal Parts	
Mounting Hardware	Steel, hard bright tin-plated
Current-Carrying Components	High conductive copper or copper alloys, hard bright tin-plated
Outside Plant Cable Stub	
Description	22 or 24 AWG (0.64 or 0.5 mm), 100-pair solid PVC or flame-retardant polyolefin or dual-layer solid CMR; UL-listed and FT4 CSA certified polyolefin/PVC insulation, Alplast sheath (Alvyn type)
Termination	Wire-wrap
Grounding	Through main chassis to main distribution frame
Resistance	<1 milliohm change over product life
Cross-Connect (Jumper) Connections	
Termination	Wire-wrap or insulation displacement connections
Contact Resistance	< 1 milliohm change over product life
Dielectric Strength	1000 VDC
Insulation Resistance	> 500 megohms
Environmental Conditions	For indoor use, 10 to 95 % RH
Temperature Characteristics	Operating +32 ° to +122 °F (0 ° to 50 °C)
Frame Vertical Capacities	
Height 2.13 m (7.0 ft.)	600 pairs
Height 2.45 m (8.0 ft.)	900 pairs
Height 2.76 m (9.0 ft.)	1100 pairs
Height 3.51 m (11.5 ft.)	1400 pairs

MPC® Mainframe Connector (QCM486) 100-Pair Connector

BOURNS®

Product Dimensions



DIMENSIONS: MM / (INCHES)

Packaging Specifications

Std. Pack	Stub Length m (ft.)	Size (H x W x D) mm (in.)	Weight kg (lb.)
Stubless			
4	0	410 x 410 x 310 (16 x 16 x 12)	36.4 (80)
Stubbed			
1	9.1 (30)	690 x 840 x 150 (27 x 33 x 6)	14.6 (32)
1	15.2 (50)	690 x 840 x 150 (27 x 33 x 6)	18.6 (41)
1	30.5 (100)	810 x 940 x 200 (32 x 37 x 8)	28.6 (63)

Note: Additional stub length options may be available. Please contact your nearest Bourns Representative for assistance.

How To Order

QCM486 X1 nn X nnn xxxx

Model

Cross-connect Field
- A1 = Insulation Displacement Connections
- B1 = Wire-wrap

Stub
- 00 = Stubless
- 22 = 22 AWG
- 24 = 24 AWG

Stub Entry
- 0 = Stubless
- B = Bottom
- T = Top

Stub Length
- 000 = Stubless
- 030 = 9.1 m (30 ft.)
- 050 = 15.2 m (50 ft.)
- 100 = 30.5 m (100 ft.)

Protector Modules
- 000 = No Protector Modules
- 11A5 = (100) QMP11A5 Solid-state 300 V
- 12A4P = (100) QMP12A4P Solid-state 300 V with PTC Sneak Current Protection
- 6A5 = (100) QMP6A5 Gas 400 V
- 6A4 = (100) QMP6A4 Gas 400 V, 350 mA Heat Coils

Examples: QCM486A100000011A5 = IDC, stubless with 11A5 protector modules (100 QMP11A5).
QCM486B124B0506A4 = Wire-wrap, 24 AWG, bottom stub, 50 foot, with 6A4 protector modules (100 QMP6A4).

How to Order MPC® Connector Accessories

Product Code	Part Number	Description
QTH38B	A0276558	Termination Tool, IDC – used to terminate and trim wires in insulation displacement cross-connect terminals
303-1001	A0310189	Single Pair Test Cord – equipped with a plug for the test field and two alligator clips for connecting to test equipment, 1.75 ft. long
QCM31A	A0259585	100-Pair Test Connector – used for testing all pairs through the test field. Equipped with a test head and 15 ft. cable terminated with four (4) 25-pair Cinch-Jones connectors
QGF4A	A0260364	Module Guard – red plastic locking wedge to lock and flag protector modules in the MPC protector field, use 1 per module
NS19478L1	A0207604	Test Field Guard – red plastic guard to flag and prevent accidental contact with test points in the MPC test field, use 1 per pair
QGF22A	QGF22A	Jumper Field Guard, IDC – red plastic guard to flag and prevent accidental contact with jumper field terminals, use 2 per pair
545-1137	A0321718	Jumper Field Guard, Wire-wrap – red plastic guard to flag and prevent accidental contact with jumper field terminals, use 2 per pair
QAA32B	A0316451	Module Testing Adapter – allows 4-pin protector modules to be tested using standard 5-pin test equipment
QMP-EXT-01	QMP-EXT-01	Module Extraction Tool – tool used to assist with extraction of a single module from the protector field
QSBC1A	A0273233	Designation Strip – self-adhesive numbering strip to facilitate location of pair numbers on the jumper field

Note: Order by Part Number.

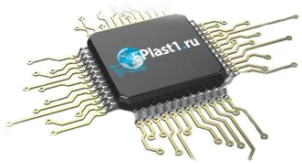
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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