MicroComm

QCB-120-(1-4)
Quick Connect Board

Description

The QCB-120 Quick Connect Board is used with MicroComm DXI and DXL intercom systems, to simplify the field wiring when connecting stations to an exchange. The QCB-120 has a terminal block, arranged in tiers, and a female DB connector. The QCB-120 is used with an interface cable, which has two male DB connectors (one on each end). One end plugs into the station audio board and the other the QCB-120. The field wiring from each station connects to screw clamp terminals, one on each tier. Terminal blocks on the QCB-120 are supplied with three tiers for shielded pairs (audio lines), two tiers for unshielded pairs (switch connections) for one unsupervised input switch, and three tiers for two unshielded pairs for two supervised input switches.

QCB-120-1 is a 16 channel, 3 tier QCB used in a DXL system to terminate audio field wiring (a single shielded twisted pair) for 400 series intercom stations and the audio cable (a single shielded twisted pair) for 300 series intercom stations.

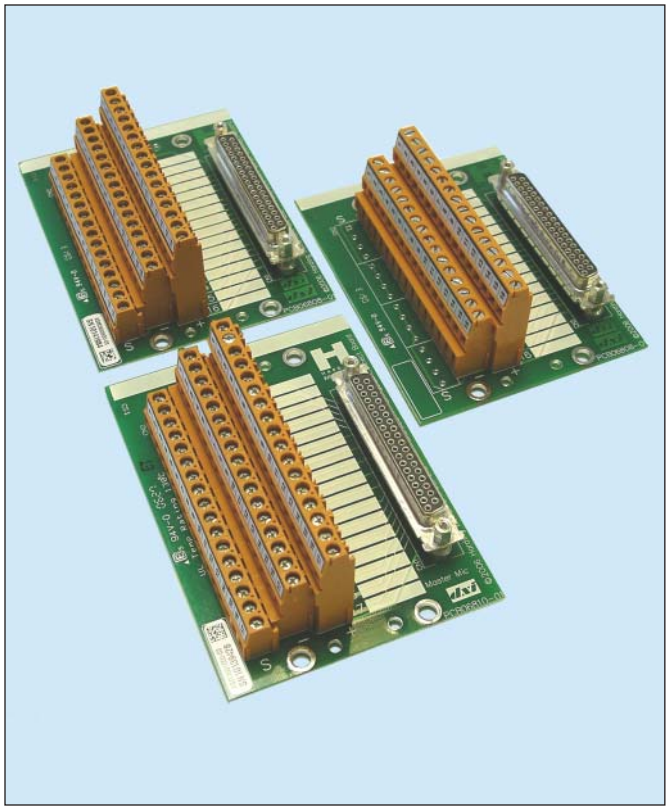
QCB-120-2 is a 16 channel, 2 tier QCB used for both DXL and DXI systems to terminate the switch field wiring (unshielded twisted pair) for 300 series intercom stations.

QCB-120-3 is a 17 channel, 3 tier QCB used in a DXI system to terminate the audio field wiring (a single shielded twisted pair) for 400 series intercom stations and 400 series master stations.

QCB-120-4 is a 16 channel, 3 tier QCB for use in both DXL and DXI systems to terminate the switch field wiring (two unshielded twisted pair) of 300 series intercom stations with two switches. The switch supervision resistors are included on the QCB-120-4.

Features

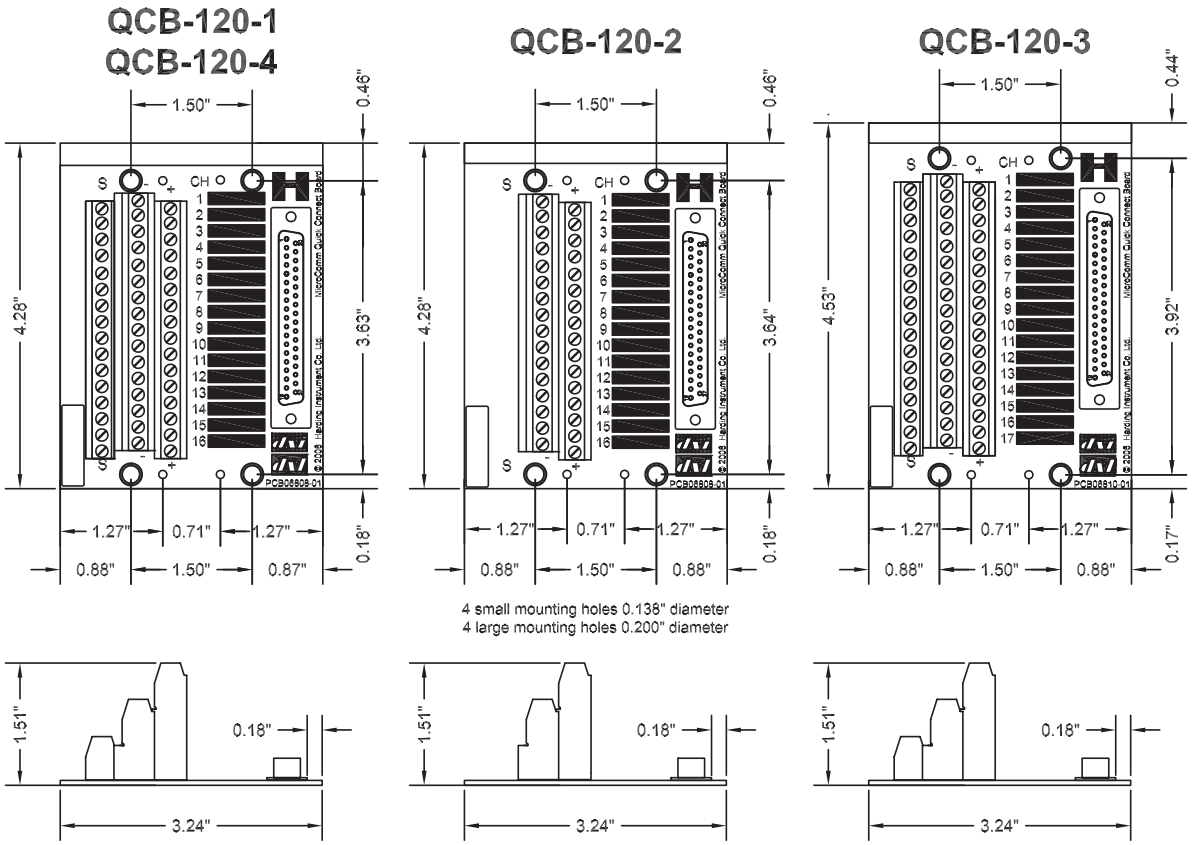
- save costs with reduced field wiring time
- simplified interconnection reduces wiring errors
- all stations connected to numbered terminals and numbered designation strips
- simplified troubleshooting wiring faults
- designed to be backboard mounted, fit into standard 3.25 inch snap in track or mounted on a Din-rail



Specifications

Physical Form Factor	
QCB-120-1	3.25" x 4.28" x 1.50" (83 mm x 109 mm x 39 mm)
QCB-120-2	3.25" x 4.28" x 1.50" (83 mm x 109 mm x 39 mm)
QCB-120-3	3.25" x 4.52" x 1.50" (83 mm x 115 mm x 39 mm)
QCB-120-4	3.25" x 4.28" x 1.50" (83 mm x 109 mm x 39 mm)
Environmental	
Operating Temperature	32 to 122 °F (0 to 50 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Humidity	0 to 95 % non-condensing
Field Connections	
Intercom stations	screw clamp terminals
Exchange	double ended cable (DB 37 male connector at QCB)

Mechanical



Ordering Information

Accessories

	Quick Connect Board		QCB Part Number	Cable Part Number	
	USE	**Board**	**QCB-120-A**	**CBL-XXX-AA-BC***	**AA**
DXL	Audio		QCB-120-1	CBL-STN-05-BC*	05 feet
				CBL-STN-10-BC*	10 feet
				CBL-STN-25-BC*	25 feet
				CBL-STN-40-BC*	25 feet
DXL	Switch	SCC-300	QCB-120-2, QCB-120-4	CBL-SWT-05-BC*	05 feet
				CBL-SWT-10-BC*	10 feet
				CBL-SWT-25-BC*	25 feet
				CBL-SWT-40-BC*	40 feet
				***BC** see Data Sheet DS-DXL-CBL-1.7	
	USE	**Board**	**QCB-120-A**	**CBL-XXX-A**	**A**
DXI	Audio	SAB-400	QCB-120-3	CBL-196-5	5 feet
				CBL-196-10	10 feet
				CBL-196-25	25 feet
				CBL-196-40	40 feet
DXI	Audio	SAB-300	QCB-120-3	CBL-136-5	5 feet
				CBL-136-10	10 feet
				CBL-136-25	25 feet
				CBL-136-40	40 feet
DXI	Switch	SAB-300	QCB-120-2, QCB-120-4	CBL-186-5	5 feet
				CBL-186-10	10 feet
				CBL-186-25	25 feet
				CBL-186-40	40 feet

Mounting : backboard , snap in track (Elkor TR3 or Curtis TR3)
, Din rail (Wago 210 Series with 209-188 Mounting foot)

HARDING
9564 Yellowhead Trail NW
Edmonton, AB T5G OW4
sales@harding.ca
Tel 780.462.7100
Fax 780.450.8396
www.harding.ca

Represented by: