



## QCB-120-5, QCB-120-7 Quick Connect Board

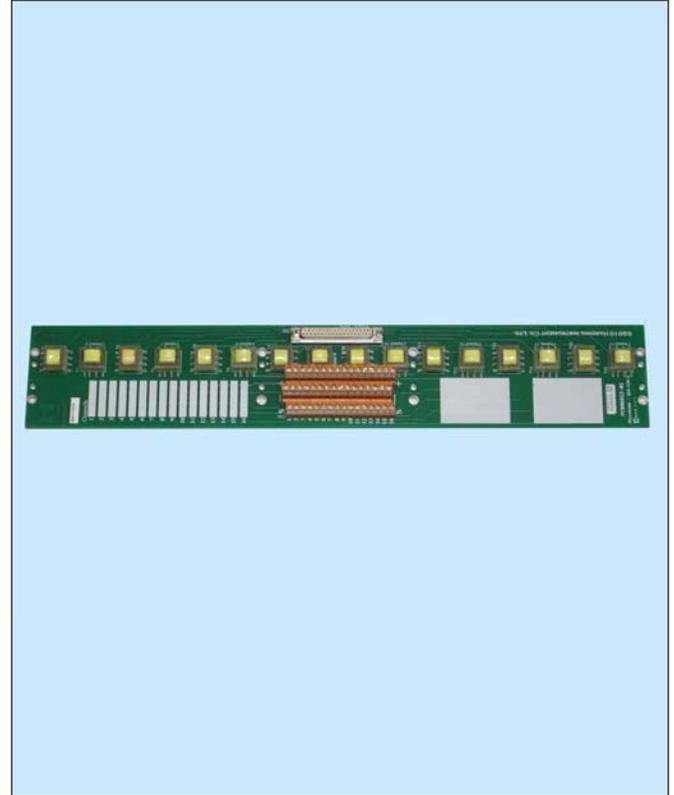
### Description

The QCB-120 Quick Connect Boards are used with MicroComm DXL intercom systems to simplify the field wiring when connecting stations to an exchange. The QCB-120 has a female DB connector and a terminal block arranged in tiers. One end of an interface cable, with two male DB connectors (one on each end), plugs into the station audio card and the other into the QCB-120. The shielded pairs (audio lines) from the speakers connect to a 16 channel 3 tier terminal block (with screw clamp terminals) on the QCB-120.

The QCB-120-5 and QCB-120-7 have an audio transformer for each channel that matches the 25 Vrms audio output from a SCC-300 to the speaker. The QCB-120-5 is used with DXL SCC-300 to terminate audio field wiring from 45 ohm speakers, and the QCB-120-7 is used with DXL SCC-300 to terminate audio field wiring from 8 ohm speakers.

### Features

- save costs with reduced field wiring time
- simplified interconnection reduces wiring errors
- all speakers connected to numbered terminals and numbered designation strips
- simplified troubleshooting wiring faults
- QCB-120-5 and QCB-120-7 can be backboard mounted, snap in track\*, or mounted on a DIN rail\*\*



### Specifications

#### Physical Form Factor

QCB-120-5, QCB-120-7	18.5" x 3.25" x 1.5" (470 mm x 83 mm 38 mm)
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#### Environmental

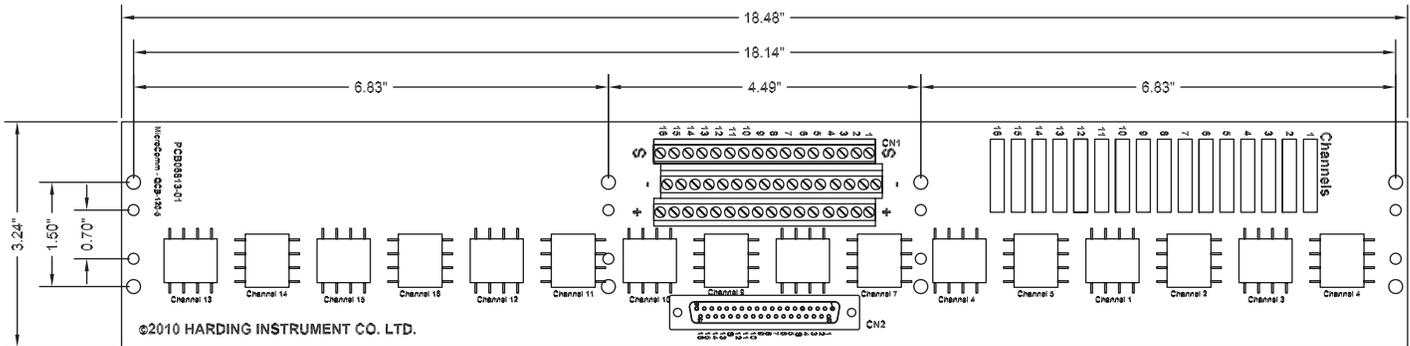
Operating Temperature	32 to 122 °F (0 to 50 °C)
Storage Temperature	-40 to 158 °F (-40 to 70 °C)
Humidity	0 to 95 % non-condensing

#### Field Connections

Intercom stations	screw clamp terminals
Exchange	double ended cable (DB 37 male connector at QCB)

\*snap in track (Elkor TR3 or Curtis TR3)

\*\* Din rail (Wago 210 Series with 209-188 Mounting foot)



QCB-120-5, QCB-120-7

**Ordering Information**

QCB-120-5  
for 45 ohm speakers

QCB-120-7  
for 8 ohm speakers

**Accessories**

Cable CBL-STN-AA-BC.  
Wago Mounting foot (209-188)



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