MITSUBISHI ELECTRIC

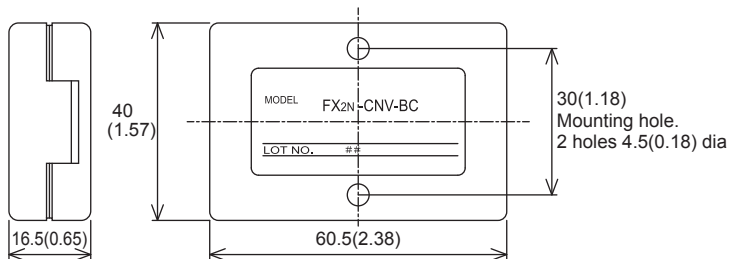PROGRAMMABLE CONTROLLERS
MELSEC-F

FX2N-CNV-BC CABLE ADAPTER
USER'S GUIDE

Introduction

The FX2N-CNV-BC cable adapter is for the connection of FX0N, FX2N series programmable controllers (main unit, extension unit) to FX0N, FX2N series extension block or special function using the FX0N-65EC (650mm,25.6"). The following explains the cable configuration and connection method.
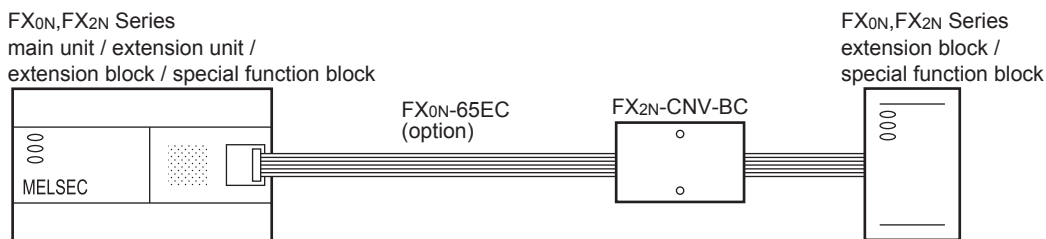Further information can be found in the FX0N, FX2N SERIES HARDWARE MANUAL and FX0N-65EC USER'S GUIDE.

External Dimensions

MODEL FX2N-CNV-BC

LOT NO. ##

40 (1.57)

16.5(0.65)

60.5(2.38)

30(1.18)
Mounting hole.
2 holes 4.5(0.18) dia

Dimensions : mm (inches)

Cable Configuration

The practice of connecting multiple extension cables and FX2N-CNV-BC on one FX0N / FX2N system is not recommended.

FX0N,FX2N Series
main unit / extension unit /
extension block / special function block

MELSEC

FX0N-65EC
(option)

FX2N-CNV-BC

FX0N,FX2N Series
extension block /
special function block

Connecting the Cables

Turn off the power of the programmable controller, and mount the FX2N-CNV-BC using the following procedure.

① Separate the case to 2 parts.

② Connect the connectors to extension cables.

⚠ Be careful of which way around the FX0N-65EC cable is connected as it is possible that the FX2N-CNV-BC case can not be closed.

③ Combine the case.

④ Mount the case using M4(0.16") screws.

⚠ The practice of laying cables well away from power lines should be observed.

When using the FX2N-CNV-BC a half twist will appear in the cable.

FX0N-65EC

Extension block
Special function block

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