

C200 and PM I/O Hardware Configuration
 Planning Your Input/Output Processor (IOP) Cards

IOP Type	Model Number	Non-CE Compliant Part Number	CE Compliant Part Number
AO	MC-PAOX03	51304672-150	51309152-175
AO	MC-PAOY22	N/A	80363969-150
AO16HART	MC-PHAO01	N/A	51403476-150
DI	MC-PDIX02	N/A	51304485-150
DI	MC-PDIY22	N/A	80363972-150
DISOE	MC-PDIS12	N/A	51402625-175
DO	MC-PDOX02	N/A	51304487-150
DO	MC-PDOY22	N/A	80363975-150
HAI	MC-PAIH03	N/A	51304754-150
HARTHAI	MC-PHAI01	N/A	51403479-150
LLAI	MC-PAIL02	N/A	51304481-150
LLMux	MC-PLAM02	N/A	51304362-150
RHMUX	MC-PRHM01	N/A	51404109-175
STIM	MC-PSTX03	N/A	51304516-250

Planning for Low Level Multiplexer IOP

LLMux versions

There are two versions of the LLMux and their assemblies are not compatible with each other. For clarity, the two versions are described as an LLMux and a Remote Hardened Multiplexer (RHMUX).

The RHMUX is Approved as Intrinsically Safe and Nonincendive for use in hazardous locations. However, the RHMUX assemblies can also be used in areas that are classified as nonhazardous. The RHMUX subsystem has the added advantage that the FTA can be located up to 2 kilometers from its Power Adapter.

Typical LLMux configuration

Low Level Analog Input Multiplexer (LLMux) is comprised of three assemblies. They are:

- an IOP
- a Power Adapter
- an FTA

The following figure shows a typical Low Level Analog Input Multiplexer (LLMux) configuration. In this figure, the LLMux FTA, model MU-TAMR03 or MU-TAMT03/13, communicates with a model MU-PLAM02 LLMux IOP through the model MU-TLPA02 Power Adapter. The IOP can be located in any Card File slot. This can be a non-CE Compliant or CE-Compliant application depending upon the model of the card file that is used.