

# Momentum overview

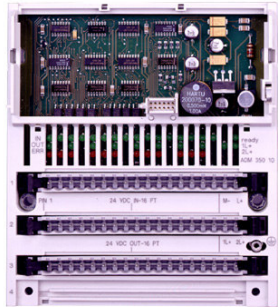
Merlin Gerin  
Square D  
Telemecanique



Schneider  
Electric

# Components of Momentum

The Momentum Product Family is made up of 4 basic components:



- I/O Modules

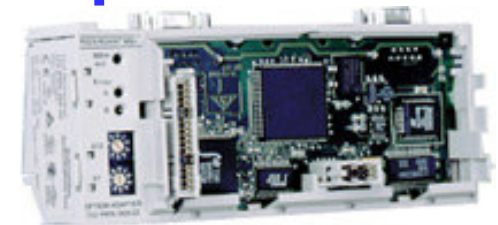
- Communication Adapters



- Processor Adapters



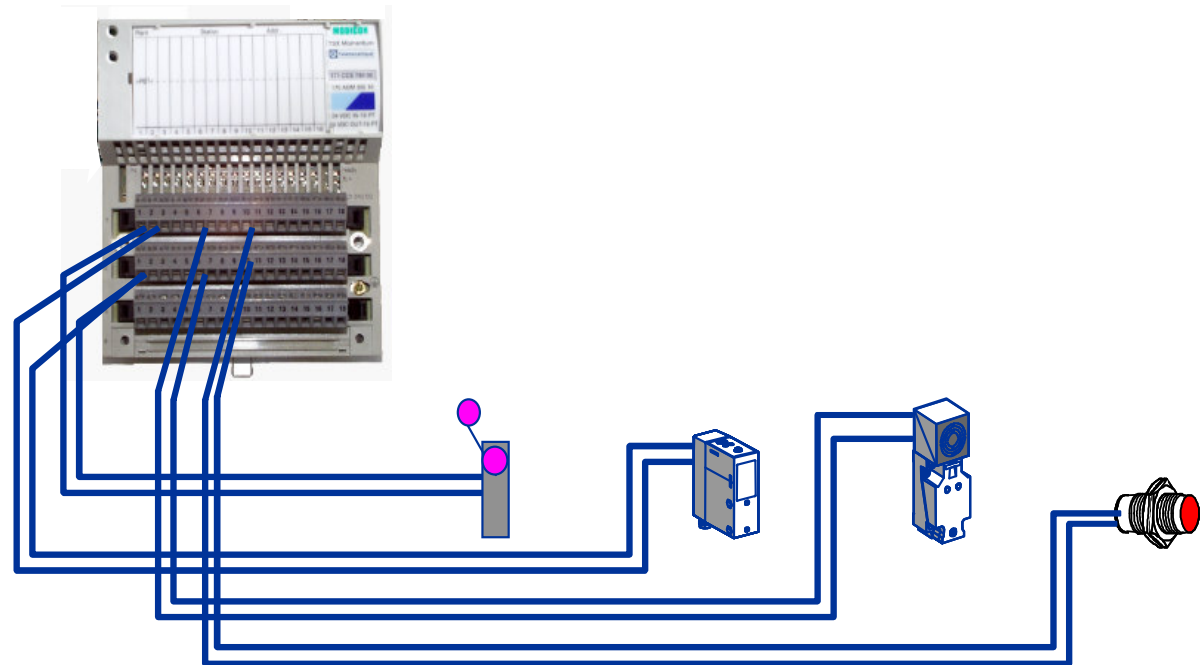
- Communication Option Adapters



# What is Momentum

Open Architecture Control products that have the flexibility to be effectively used in :

- Stand alone control system
  - CPU + I/O Base



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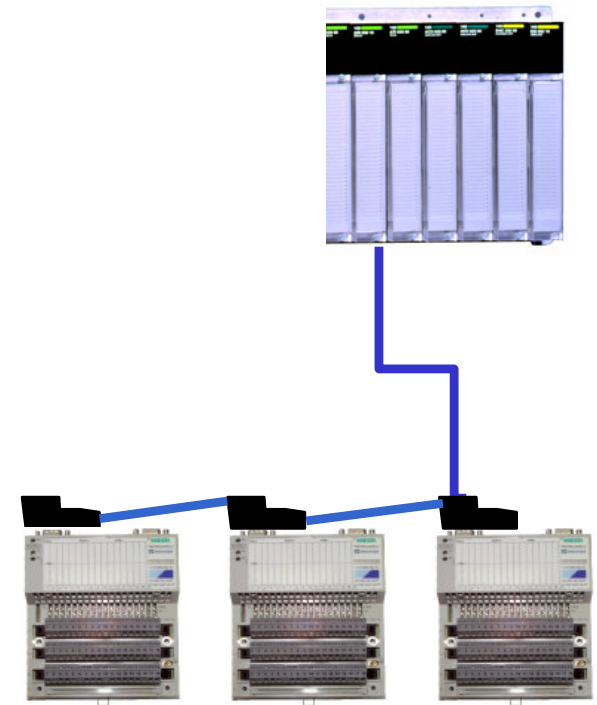
- Stand alone control system
  - CPU + I/O Base
  - CPU + I/O Base + Communication



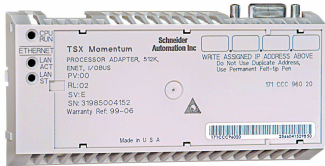
# What is Momentum

Open Architecture Control products that have the flexibility to be effectively used in :

- Stand alone control system
  - CPU + I/O Base
  - CPU + I/O Base + Communication
  
- Distributed I/O System
  - I/O Base + Communication



# Processor Adapters



- Built in RS232 or Ethernet port
- Memory Sizes
  - Logic memory: 2.4K to 18 K for Ladder Logic  
200 K byte for IEC program
  - Register memory: 2K to 24K
  - RAM memory: 64Kb to 512Kb
  - Flash memory: 256Kb to 1Mb
- I/O capacity: 2048 to 8192 points
- Up to integral 2 communication ports
- Communication Option Adapter for additional port
- Distributed I/O - up to 128 I/O modules

# Communication Adapters

## Open Connectivity

Modbus Plus

Ethernet

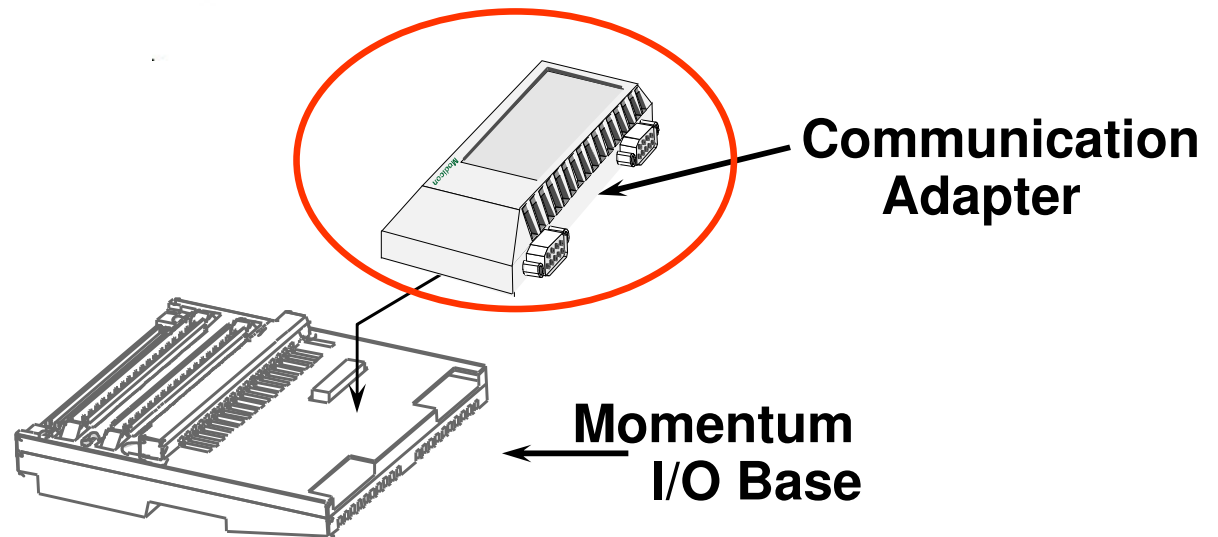
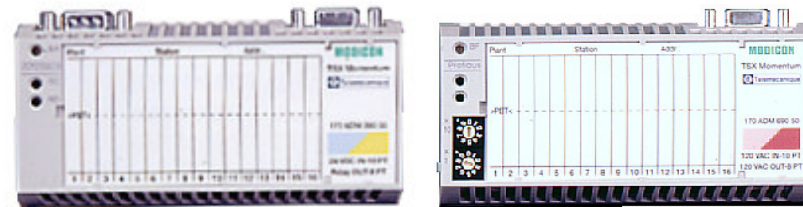
FIP I/O

Interbus

ProfibusDP

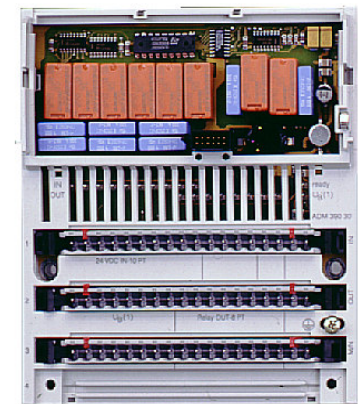
DeviceNet

ControlNet



# I/O Modules

- **More than 27 different models available**
  - Digital Input
  - Digital Output
  - Mixed digital Input & Output
  - Analog Input
  - Analog Output
  - Analog Input & Output

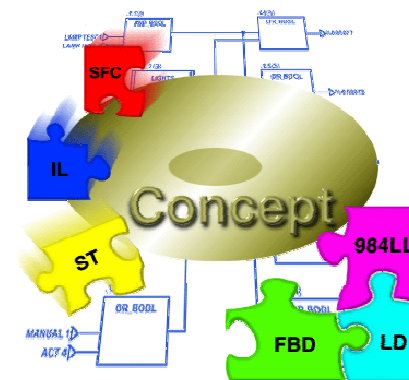


# Processor programming software

➤ 984 LL

➤ IEC 61131-3

*Pro***WORX**<sup>32</sup>



# To make the right choice

## *Catalogue*

