

H₂O_{SS} Selection Matrix Main Control Panel

Product Description/Equipment Specifications

FLEXIBILITY
LATITUDE
ENGINEERING
EXECUTION
EXCELLENCE

*Process Water Systems designed with ultimate **FLEXIBILITY** in mind.*



Photo is for illustration purposes only

Features at a glance:

- Fast delivery
- Quick installation and start-up.
- UL compliance to satisfy regional permitting regulations.

General Description:

FLEXX™ offers a complete line of Main Control Panels for systems requiring PLC driven controls. The panels come complete with an integrated disconnect control panel that allows safe operation of the system. All attributes of the main control panel are pre-wired and functionally tested prior to shipping. The client provides the main source of power to the panel.

A Main Control Panel may contain any of the following features:

- Programmable Logic Controller (PLC) with installed operating program
- PLC Expansion Input & Output Modules
- Human Machine Interface (HMI) with installed operating program
- Multiparameter Transmitter (Monitoring Quality, Flow, etc.)
- Motor Starter(s)
- Control Transformer
- Power Disconnect
- Assorted Switches and Fuses.
- Audible and Visual Alarm Indication

Main Control Panel Component Selection Matrix

Select Select Select Select Select

EXAMPLE PART NUMBER

MCP 004 ABML X CRM1

FIELD 1	Distribution Components: Enter the code for the type of Distribution Components desired.	
	Code	Code Description
	MCP	Main Control Panel

FIELD 2	Enclosure Rating: Enter the code for the desired enclosure rating.	
	Code	Code Description
	004	NEMA 4, Powder Coated Steel Enclosure
	412	NEMA 4/12, Fiberglass Enclosure
	04X	NEMA 4X, Stainless Steel Enclosure

FIELD 3	Programmable Logic Controller: Enter the code for the desired PLC.	
	Code	Code Description
	ABCL	Allen Bradley Control Logix
	ABSL	Allen Bradley SLC 500 Series PLC
	ABML	Allen Bradley MicroLogix 1200 Series PLC
	SSIM	Siemens, SIMATIC S7-200 Series PLC

FIELD 4	Human Machine Interface: Enter the code for the desired HMI. If an HMI not required, place an X in Field 4.	
	Code	Code Description
	1000	Allen Bradley PanelView 1000 HMI
	0600	Allen Bradley PanelView 600 HMI
	ST80	Siemens, SIMATIC ST-80 Series HMI

FIELD 5	Monitors and Transmitters: Enter the codes for all desired monitors and transmitters.	
	Code	Code Description
	MPT2	Mettler-Toledo Thornton 770MAX Series Multiparameter Transmitter, 8-Analog Outputs/4-Relay
	MPT1	Mettler-Toledo Thornton 770MAX Series Multiparameter Transmitter, 4-Analog Outputs/4-Relay
	CRM1	Mettler-Toledo Thornton M300 Series Conductivity/Resistivity Monitor, 2-Channel, 4-Analog Outputs/4-Relay
	FLM2	Mettler-Toledo Thornton M300 Series Flow Monitor, 1-Channel, 2-Analog Outputs/4-Relay