

CMCP9000PS Preconfigured Systems For SKF On-Line System IMx-8 and IMx-16



Features

- For up to eight IMx's
- Painted Steel Enclosure, IP67
- Pre-Assembled Panel with Din Rail
- Wire Duct
- Power Distribution Terminals
- Power Supply
- Network Switch
- Ground Bar
- Optional Communication modules (Wi-Fi and/or Cellular)

Description

The preconfigured systems were designed with parts recommended by experts from SKF. The enclosures come with internal panels prepared with TS35 Din Rail for mounting the IMx and wire duct for routing wires. A premium 100-240VAC input, 24VDC output power supply, sized appropriately for the equipment in the enclosure, is provided along with a network switch and high-quality ground bar. Power distribution terminals make it easy to route the 24 VDC power to each IMx using the supplied field wiring kit. Additional distribution terminals are provided for powering the available optional wireless communication modules or any other 24 VDC powered devices. Local Touch Screen PC's (HMI) can be added as customized options.

Specifications

Material: Painted Steel
Sealing: NEMA 4, IP67

Dimensions

1-2 IMx's: 20"x20"x8" (508 x 508 x 203 mm)
3-4 IMx's: 36"x24"x8" (914.5 x 609.6 x 203 mm)
5-8 IMx's: 36"x30"x8" (914.5 x 762 x 203 mm)

Weight

1-2 IMx's: 22 Lbs (9.97 kg)
3-4 IMx's: 38 Lbs (17.2 kg)
5-8 IMx's: 60 Lbs (27.2 kg)

High-Performance Power Supply

AC Power Input: 100-240 VAC ($\pm 15\%$)
Output: 24 VDC ($\pm 20\%$ Adjustable)
Temperature Range: -25 to $+70^{\circ}\text{C}$
Ratings: Class 1 Division 2 Approved
Rating
1-2 IMx's: 3.5 A (Ampere)
3-4 IMx's: 5.0 A
5-8 IMx's: 10.0 A

Network Switch

1x IMx System: Switch Not Provided
2x IMx System: 5 Port Switch
3-4 IMx System: 8 Port Switch
5-8 IMx System: 16 Port Switch
Temperature Range: -25 to $+70^{\circ}\text{C}$
Ratings: Class 1 Division 2 Approved

Ordering Information

For 1x IMx, No Network Switch

CMCP9000PS-01-00-00	Painted Steel Encl., Ethernet, No Power Supply (POE)
CMCP9000PS-01-00-DC	Painted Steel Encl., Ethernet, DC Power Input
CMCP9000PS-01-00-AC	Painted Steel Encl., Ethernet, Power Supply
CMCP9000PS-01-WIFIID-AC	Painted Steel Encl., WiFi, Dual Dome Antennas, Power Supply
CMCP9000PS-01-WIFIIP-AC	Painted Steel Encl., WiFi, Dual Ext. Antenna Connections, Power Supply
CMCP9000PS-01-LTE-AC	Painted Steel Encl., 4G LTE, Dual Dome Antennas for MiMo, Power Supply
CMCP9000PS-01-WIFIID-DC	Painted Steel Encl., WiFi, Dual Dome Antennas, DC Power Input
CMCP9000PS-01- WIFIIP-DC	Painted Steel Encl., WiFi, Dual Ext. Antenna Connections, DC Power Input
CMCP9000PS-01-LTE-DC	Painted Steel Encl., 4G LTE, Dual Dome Antennas for MiMo, DC Power Input

For 2x IMx's, With 5 Port Network Switch

CMCP9000PS-02-00-00	Painted Steel Encl., Ethernet, No Power Supply (POE)
CMCP9000PS-02-00-DC	Painted Steel Encl., Ethernet, DC Power Input
CMCP9000PS-02-00-AC	Painted Steel Encl., Ethernet, Power Supply
CMCP9000PS-02-WIFIID-AC	Painted Steel Encl., WiFi, Dual Dome Antennas, Power Supply
CMCP9000PS-02-WIFIIP-AC	Painted Steel Encl., WiFi, Dual Ext. Antenna Connections, Power Supply
CMCP9000PS-02-LTE-AC	Painted Steel Encl., 4G LTE, Dual Dome Antennas for MiMo, Power Supply.
CMCP9000PS-02-WIFIID-DC	Painted Steel Encl., WiFi, Dual Dome Antennas, DC Power Input
CMCP9000PS-02- WIFIIP-DC	Painted Steel Encl., WiFi, Dual Ext. Antenna Connections, DC Power Input
CMCP9000PS-02-LTE-DC	Painted Steel Encl., 4G LTE, Dual Dome Antennas for MiMo, DC Power Input

For 4x IMx's, With 8 Port Network Switch

CMCP9000PS-04-00-00	Painted Steel Encl., Ethernet, No Power Supply (POE)
CMCP9000PS-04-00-DC	Painted Steel Encl., Ethernet, DC Power Input
CMCP9000PS-04-00-AC	Painted Steel Encl., Ethernet, Power Supply
CMCP9000PS-04-WIFIID-AC	Painted Steel Encl., WiFi, Dual Dome Antennas, Power Supply
CMCP9000PS-04-WIFIIP-AC	Painted Steel Encl., WiFi, Dual Ext. Antenna Connections, Power Supply
CMCP9000PS-04-LTE-AC	Painted Steel Encl., 4G LTE, Dual Dome Antennas for MiMo, Power Supply.
CMCP9000PS-04-WIFIID-DC	Painted Steel Encl., WiFi, Dual Dome Antennas, DC Power Input
CMCP9000PS-04- WIFIIP-DC	Painted Steel Encl., WiFi, Dual Ext. Antenna Connections, DC Power Input
CMCP9000PS-04-LTE-DC	Painted Steel Encl., 4G LTE, Dual Dome Antennas for MiMo, DC Power Input

For 8x IMx's, With 16 Port Network Switch

CMCP9000PS-08-00-00	Painted Steel Encl., Ethernet, No Power Supply (POE)
CMCP9000PS-08-00-DC	Painted Steel Encl., Ethernet, DC Power Input
CMCP9000PS-08-00-AC	Painted Steel Encl., Ethernet, Power Supply
CMCP9000PS-08-WIFIID-AC	Painted Steel Encl., WiFi, Dual Dome Antennas, Power Supply
CMCP9000PS-08-WIFIIP-AC	Painted Steel Encl., WiFi, Dual Ext. Antenna Connections, Power Supply
CMCP9000PS-08-LTE-AC	Painted Steel Encl., 4G LTE, Dual Dome Antennas for MiMo, Power Supply.
CMCP9000PS-08-WIFIID-DC	Painted Steel Encl., WiFi, Dual Dome Antennas, DC Power Input
CMCP9000PS-08- WIFIIP-DC	Painted Steel Encl., WiFi, Dual Ext. Antenna Connections, DC Power Input
CMCP9000PS-08-LTE-DC	Painted Steel Encl., 4G LTE, Dual Dome Antennas for MiMo, DC Power Input