



VIPA System 200V – CM 240 4Port Switch

CM 240 4Port Switch

This module provides networking facilities to the System 200V.

The module is "plug and play" enabled due to auto-negotiation, Speed-Auto-Sensing and auto MDI/MDIX Crossover that is available on every port of the module.

The module obtains the required operating voltage from the back plane bus.

The status of the four ports is displayed by four LEDs located on the front of the module.

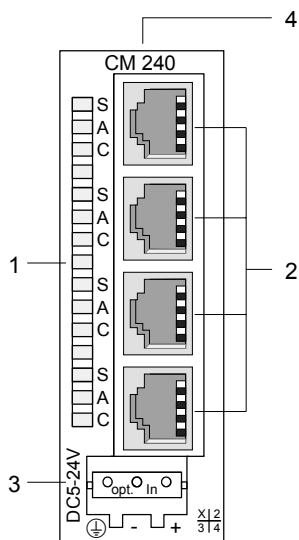
Features / properties

The following properties distinguish the 4Port Switch:

- 4 Ports for 10 or 100MBit/s,
- "plug and play" enabled due to auto MDI/MDIX crossover for 100BASE-TX and 10BASE-T, Auto-negotiation and speed auto sensing
- every port changes operation between 10 and 100MBit/s and half- or full-duplex operation automatically
- LED indicators for activity, speed and collisions
- Support for IEEE 802.3, IEEE802.3u and IEEE802.3x
- Extra High Performance up to a distance of 150m when using UTP (unscreened twisted pair cable)
- Back-pressure-based flow control in case of half-duplex operation
- Pause-frame-based flow control for full-duplex operation
- Store-and-forward switching mode
- Shared memory based switch

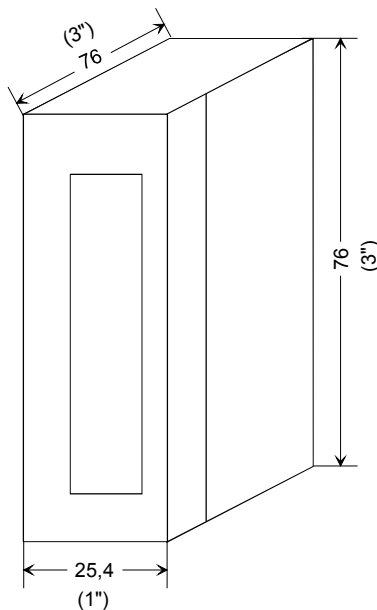


Front view:



- [1] LEDs for Status indicator
- [2] Twisted Pair ports of Ethernet
- [3] power supply (external)
- [4] DIL switch for security function

Dimensions:



all dimensions in mm / (inches)

Technical data	CM 240
Electrical data No. of ports Current consumption via back plane bus Supply voltage (internal) Supply voltage (external)	4 460mA DC 5V via back plane bus DC 5...25V
DIL-switch 1 security function 2 currently no function	internal on: de-activated (default) off: active
Status indicator per port S (green: off/on) A (yellow: on/blinking) C (yellow: on/blinking)	by means of LEDs on the front SPEED 10/100MBit LINK/ACTIVITY FULL-DUPLEX/COLLISION
Interfacing	RJ45 Twisted Pair UTP, S/FTP
Dimensions and weight WidthxHeightxDepth (in mm) Weight	25.4x76x76 50g
Ordering details CM 243, 4Port Switch optical socket, ext. DC in	VIPA 240-1DA10 VIPA 970-0CM00