

CP-250 - CPU Unit

Spare Part Number: CP-250

Net Weight: 390.00g

Net Dimensions: 100.00mm x 72.00mm x 90.00mm

Technical Datasheet: [Protected Link](#)

Manual: [Protected Link](#)

Description

CP-250 PLC (CPU)

Sysmac NX1 Modular CPU, 5MB program and 33.5MB data memory , built-in EtherCAT (8 servo axes, 4 PTP axes, total 64 EtherCAT nodes), 2 Ethernet ports (OPC-UA and EtherNet/IP)

NX102-1200

Specifications

Controller functionality

Motion control, OPC-UA, Position control, S control

Max. number of synchronous axes

8

| | |
|-------------------------------------|---|
| Max. number of PTP axes | 4 |
| Max. number of axes (incl. virtual) | 15 |
| Primary task cycle time | 1 ms |
| Program memory | 5 MB |
| Variables memory | 33.5 MB |
| Communication port(s) | EtherCAT Master, EtherNet/IP, Ethernet TCI USB |
| Communication option(s) | Serial RS-232C, Serial RS-422, Serial RS-485 |
| Max. number of remote I/O nodes | 64 |
| I/O system | NX I/O Bus |
| Max. number of expansion units | 32 |
| Height | 100 mm |
| Width | 66 mm |
| Depth | 100 mm |
| Weight | 0 g |

Equipment Ref

810 Ref. **NX102 1200**

812 Ref. **NX102 1200**

Catalogues/Families

| | |
|----------------------|--|
| Spare Part Type | |
| Electrical Component | |
| Stock Type | |
| Standard Stock | |