



NX-CT2220

High-speed counter unit ideal for edge control, achieving high-speed response and high-resolution performance (Channels 2(PNP), Max response frequency 1 MHz, 5 V/24 V voltage input)

Specifications

I/O system	NX I/O Bus
Type of module	Encoder input
Digital input type	Incremental encoder, PNP, Voltage pulse
Digital output type	PNP, PWM
Signal processing	Free running, Synchronous, Task period prioritized
Number of encoder input channels	2
Max. encoder input frequency	1000 kHz
Number of pulse input channels	6
Number of pulse output channels	1
Max. pulse output frequency	0 kHz
IO-Link master	✘
I/O connection type	Push-in
Number of I/O connectors	6
Detachable I/O terminal block	✔
Suitable for safety functions	✘
SIL according to IEC 61508	None
Number of IOV (V+) terminals	2
Number of IOG (V-) terminals	0
Number of COM terminals	0
Degree of protection (IP)	IP20
Product Weight (unpacked)	0 g

CAD Library



EAC Mark removal Discontinuation Notice

EN PDF 221 KB



IO-Link Series Brochure

EN PDF 6.41 MB



Machine Safety Solution Brochure

EN PDF 2.86 MB



NX-CT High-speed Counter Unit Brochure

EN PDF 863 KB



NX-ECT 101 Users Manual

EN PDF 7.35 MB



NX-HAD Brochure

EN PDF 1.22 MB



NX-HTC/NX-TC/EJ1/E5DC-B Temperature control units Flyer

EN PDF 3.28 MB



NX_ NX-series I/O Datasheet

EN PDF 5.39 MB



NX-series I/O system Brochure

EN PDF 8.37 MB



Omron GX-JC0x-x EtherCAT Junction Box EtherCAT ESI file

EN ZIP 3.36 KB



Omron NX-ECC20x EtherCAT ESI file

EN ZIP 1.51 MB



PLC I/O Interface Wiring System Selection System Manual

EN PDF 1.56 MB



Sysmac Catalogue

EN PDF 43.5 MB



Sysmac: A Fully Integrated Platform Brochure

EN PDF 19.1 MB