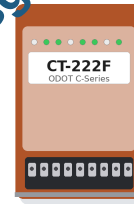


CT-222F Digital Output Module 16DO

16-channel digital output - 24 VDC, source (PNP) type, 500 mA/ch



The ODOT CT-222F is a C-Series remote I/O module with 16 channels of 24 VDC source-type (PNP) digital output rated 500 mA per channel, driving relays, solenoids, contactors and lamps. It is opto-isolated from the internal bus, has per-channel status LEDs, and includes thermal-shutdown, over-current, short-circuit and overload protection.

General / Identification

Brand / Series	ODOOT C-Series Remote I/O
Module type	Digital output, 16 channel
Power consumption	Max. 175 mA @ 5.0 VDC
Field power	24 VDC (range 19.2-28.8 VDC)

Output / Functional

Channels	16-channel source (PNP) output
Output voltage	24 VDC
Rated current	500 mA/channel (typical)
Leakage current	Max. 10 uA
Output impedance	< 200 mOhm
Output delay (OFF-ON / ON-OFF)	Max. 100 us / Max. 150 us
Protection	Thermal shutdown ~135 C; over-current ~1.1 A; short-circuit; overload
LED indication	Per-channel output status LED

Mechanical & Environmental

Mounting	35 mm DIN-rail
Dimensions (W x H x D)	115 x 141 x 75 mm
Net weight	65 g
Wiring (max conductor)	1.5 mm ² (AWG 16)
Isolation (I/O to internal bus)	Opto-coupler, 3 kVrms
Protection class	IP20
Operating temperature	-40 to +85 C
Operating humidity	5-95% RH, non-condensing

Compliance

Certifications	CE; ISO 9001 (manufacturer-stated)
----------------	------------------------------------

Typical applications: Driving relays, solenoids, contactors and indicator lamps in automation systems.

Specifications are taken from the manufacturer's published data and are subject to change without notice. Confirm against the current manufacturer manual before rated or safety-critical use.