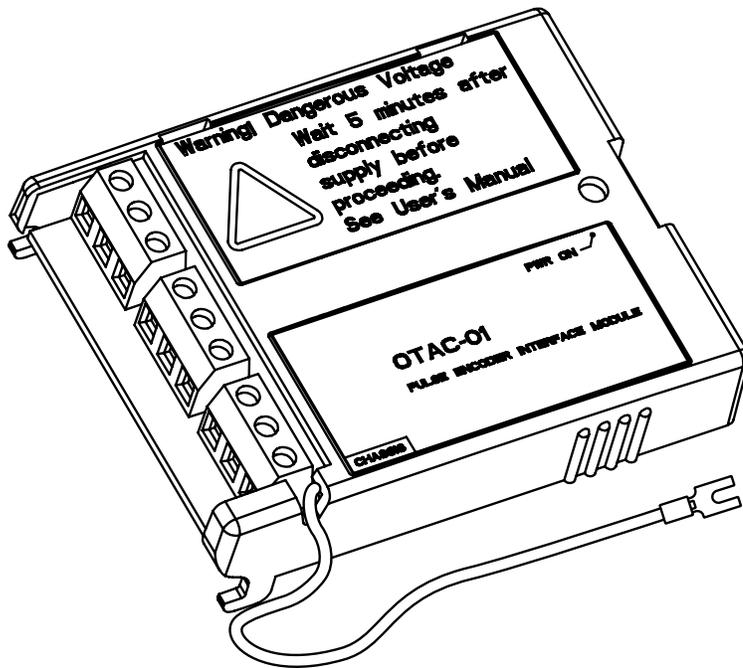


Drive^{IT} Low Voltage AC Drives

User's Manual

Pulse Encoder Interface Module OTAC-01

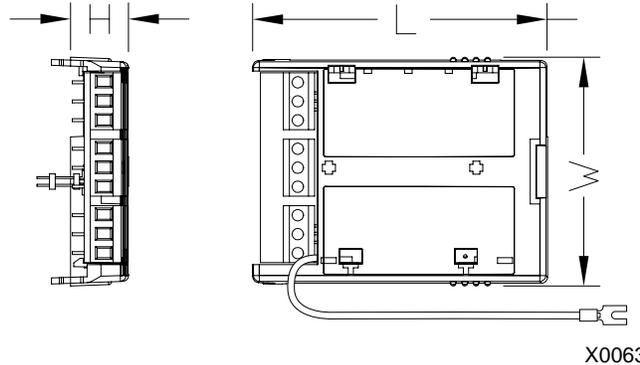


Technical Data

Dimensions

Module dimensions are:

Ref.	mm	in
H	14.5	0.57
L	77.8	3.06
W	58.8	2.31



Enclosure Degree of Protection

The module is mounted inside the drive enclosure. Refer to the drive's rating.

Ambient Conditions

The module is mounted inside the drive enclosure. Refer to the drive's requirements.

Connectors

Connectors on the module:

- 6-pin connector
- Three, 3-pin, screw-type, non-detachable terminal blocks that accept wire connectors up to 1.5 mm² (16 AWG).
- Ground lead

Specifications

Module Specifications

The OTAC-01 module:

- Supports three channels: CH A, CH B, CH Z.
- Includes pass-through terminals to connect an external power supply (required) to the pulse encoder.
- All materials are UL-approved.

Channel Specifications

Channel specifications:

- Differential or single-ended
- Maximum input frequency: 200 kHz
- Input voltage range: 7.5 to 26 V (measured at the OTAC module)
- Nominal input impedance: 660 ohm (at 24 VDC)
- Isolated from logic and ground