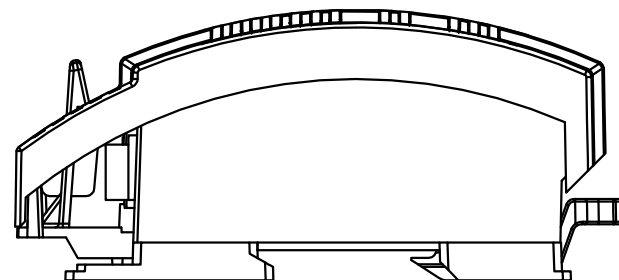


ECHELON TYPE 2#18, STRANDED,
7/26 UTP (UNSHIELDED TWISTED PAIR)
BELDEN 8461 TYPE OR EQUIVALENT,
FIELD INSTALLED BY THE EMS CONTRACTOR



SPECIFICATIONS

APPLICATIONS	EEV Control
TEMP. SENSOR INPUTS	4 10 K thermistor
PRESSURE, SENSOR INPUTS	1 5vdc Ratiometric
DIGITAL INPUTS (DI)	2 Dry Contacts to be Used With Dry Contact Switches
RELAY OUTPUTS	3 SPDT 5A/240 Vac Fuse Protected Dry Contacts
VALVE OUTPUT (DO)	Drive 25 volt DC 180 mA MAX Bipolar Stepping Motors
LOCAL STATUS/SWITCHING	Installs valves in stand-alone mode and opens them. Local interface shows the valves presence and activity. MT Alliance Plug-In is used to set up the controller.
DIMENSIONS	12.499" X 4.56" X 2.15"
MOUNTING	Snaptrack Panel, Wall Mounting or DIN Rail
POWER REQUIREMENTS	120-240 Vac Transformer (no center tap needed): 2A Fuse Protected (50Hz, 60Hz) Max Power Consumption: 10VA (4VA Average)
ENVIRONMENTAL	Operating and Storage: 0 to 40°C (32 to 104°F), 5 to 95% RH, non-condensing
INSTALLATION TYPE	PART# 963-651B: 15" METAL ENCLOSURE PART# 961-651B: ABS ENCLOSURE PART# MORE OPTIONS AVAILABLE

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2014-12-03	Update Logo & Address	01
DATE	DESCRIPTION	REV.

SYSTEM :
REFRIGERATION

AUTOMATISATION / CONTROL :

Micro Thermo Technologies™
12855 Rue Brault, Mirabel
Quebec, Canada J7J 0C4
Tel: (450) 668-3033
Fax: (450) 668-2695

TITLE:
**MODULATING VALVE
CONTROLLER BOARD**

PART#:
961-651B

Drawn By : D.P.	Designed By : D.P./A.H.	Approved By : A.H.	Revision : 01
Scale : N.T.S	Date : 2012-03-13	File Name :	C-014 Case Controller 961-651B