

This section gives you all the information necessary to help you monitor and operate your controller including an Operator Interface overview, an explanation of the Displays, keys, LEDs, Mode access, and Operation Modes.

UPPER Display: 415 V  
LOWER Display: OFF A

Labels: SET key, UP key, DOWN key, RESET key, AUTO/MANUAL key, R RLY, Y AUTO, B MANUAL, LEDs, VENEX, DOL 7212

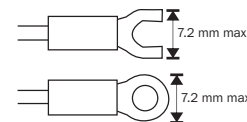
**KEY OPERATION:**

Keys	Functions
	To View & Edit Parameter And to be set Value And Move To The next Step
	To Increment Parameter Value + Voltage Scrolling
	To Decrement Parameter Value
	To Reset The Relay Contact manually after Tripping
	Auto Or Manual Mode Selection

<b>SPECIFICATION :</b>	<b>Volt Input</b>	R, Y, B, Three Phase ( 10 VAC ~ 650 VAC )
<b>INPUT</b>	<b>CT Input</b>	50 Ampere CT ( 1.0 AMP ~ 50.0 AMP )
<b>OUTPUT</b>	<b>Relay</b>	1CO, 7 Amp., 230 VAC ( NO - C - NC )
<b>AUX. Accuracy</b>	<b>Operating Temp.</b>	415 VAC, 50 Hz, ± 10%
<b>Relative Humidity</b>	<b>Enclosure Material</b>	± 1% of FSD 0 °C ~ 55 °C Up to 95% RH Non Condensing Polycarbonate + ABS Plastic

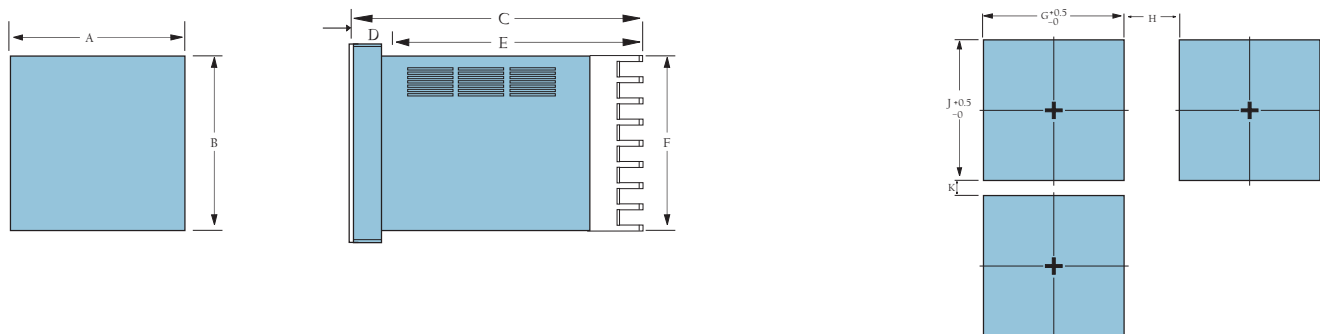
### PRECAUTIONS WHEN WIRING

- Separate input leads and power lines in order to prevent external noise.
- Use specified size (M3.5, width 7.2 mm or less) crimped terminals for wiring. To connect bare wires to the terminal block, use copper braided or solid wires with a rated temperature of over 70 °C and a gauge of AWG24 to AWG14 (equal to a cross-sectional area of 0.205 to 2.081 mm<sup>2</sup>). (The stripping length is 5 to 6 mm.) Up to two wires of same size and type, or two crimped terminals can be inserted into a single terminal.
- Use crimp terminals when wiring the terminals.
- Use the suitable wiring material and crimp tools for crimp terminals.
- Tighten the terminal screws to between 0.74 and 0.90 N-m.
- Use the following types of crimp terminals for M3.5 screws.



### MOUNTING

The controller can be mounted on either a vertical or tilted panel using the mounting bracket supplied. Adequate access space must be available at the back of the panel for installation and servicing activities. Overall dimensions and panel cutout requirements for mounting the controller are shown in Figure



Size	A	B	C	D	E	F	G	H(Min)	J	K(Min)
(72*72)	72	72	88	3	85	65	68	25	68	25