

OPERATING INSTRUCTIONS : OP INST XC410A-1-230 OP508-V01

OP508-V01

XC410A-1-230 Operating Instructions

36x72mm

XC410A-1-230	
Display	6 digit, 0.3" height, Red 7 seg LED
Inputs	3 to 30V DC from Proximity switches, Encoders, Potential free contacts, Limit switches etc.
Input Speed (Selectable)	1. 20Hz (Terminal nos. 7 & 8 shorted) 2. 1kHz (Terminal nos. 7 & 8 open)
Sensor Supply	12VDC@30mA Min 10V with full load Max 16V with no load
Reset	1. On front panel (selectable) 2. Remote reset (via rear terminals)
Memory retention	10 years
Supply voltage	230V AC (±10%)
Housing	Flame retardant plastic.
Mounting	Panel mounting.
Temperature	Operating : 0 - 50°C Storage : -20 - 75°C
Humidity	95% RH
Weight	140gms

XC410A-1-230

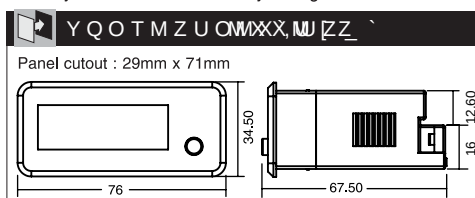
Please maintain these instructions and review them prior to using the unit :

WARNING

1. This unit is panel mounted type with its output terminals connecting to the host equipment. Such equipment shall also comply with basic EMI/EMC and safety requirements like BSEN 61326-1 and BSEN 61010 respectively.
2. To avoid electric shock, power supply of the unit should be kept off while wiring. Wiring should be done strictly as per the terminal layout, given in the manual.
3. External fuse with a rating of 275V AC/1A is recommended.

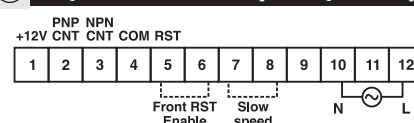
CAUTION

1. This unit is not intended for outdoor use.
2. The power connection cable must have a cross-section of at least 1sq.mm and insulation capacity of at least 1.5kV.
3. The output connections must not be loaded beyond the specified values/range.
4. Avoid inflow of dust and contact of conductive material with the internal circuitry of the unit.
5. The unit must not operate in presence of heating sources, caustic vapors, oil, steam, vibration or impact etc.
6. Use clean moist cloth soaked in water for cleaning. Avoid entry of water into the circuitry through the ventilation



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XC410A-1-230



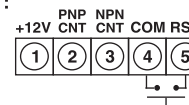
NOTE : Remove jumper between 7 & 8 for high speed upto 1kHz

1	+12V sensor supply
2	PNP Count Input
3	NPN Count Input
4	COM
5	Reset Input
5 - 6	Short for front panel reset enable
7 - 8	Short for slow speed upto 20Hz
10 - 12	Neutral(-) - Live(+)

Resetting the XC410 :

By front key : Short terminals 5 & 6 to enable front panel reset. Press RST key momentarily.

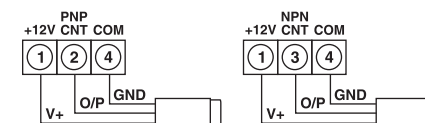
Remote reset :



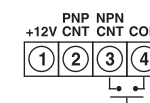
Input connections :

(Sensor color codes : Red = +12V; Green = CNT; Black = GND; Brown = +12V; Black = CNT; Blue = GND)

NPN / PNP Sensor :



Potential free contact :



NOTE : The above connection is valid when selection is NPN.

(Specifications subject to change as development is a continuous process.)

Selec Controls Pvt. Ltd., India

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Prepared By

Checked By

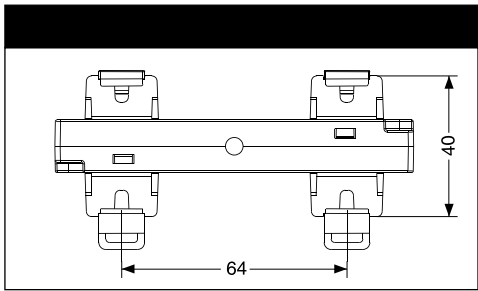
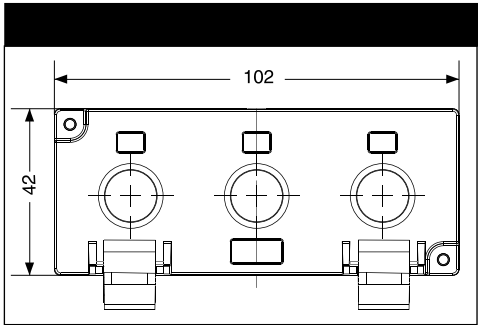
Sales Engg. By

Markting Engg. By

Approval By

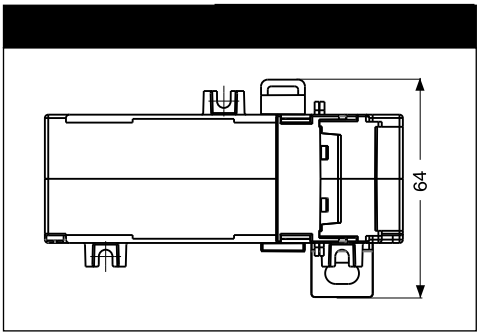
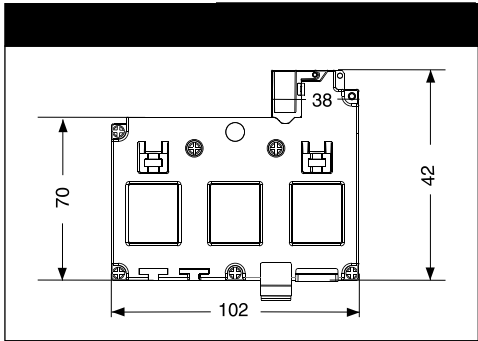
SPECIFICATIONS -

Rated Input Current : Nominal 80A AC (Min 4A - Max 96A)
No. of Phases : 3
Inner Dia : 13mm
Mounting : Din Rail & Wall Mount



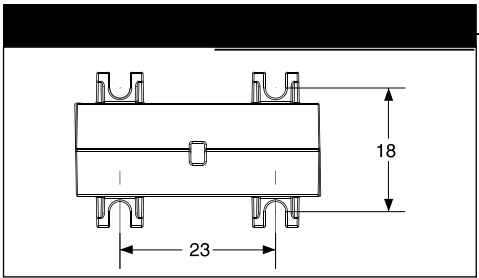
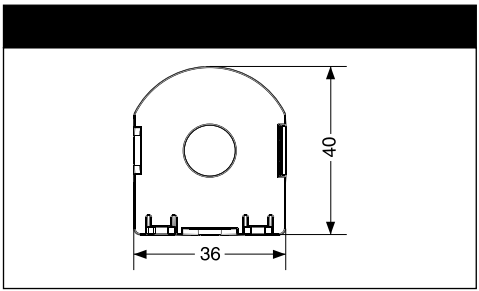
SPECIFICATIONS -

Rated Input Current : Nominal 250A AC (Min 10A - Max 300A)
No. of Phases : 3
Mounting : Din Rail & Wall Mount
Window : 21x 25mm



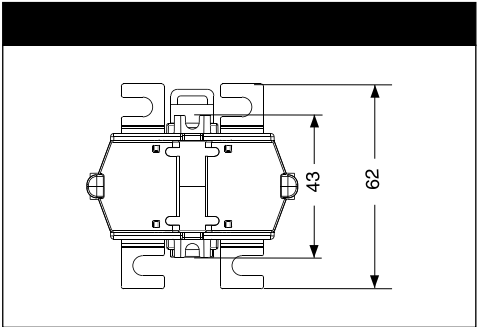
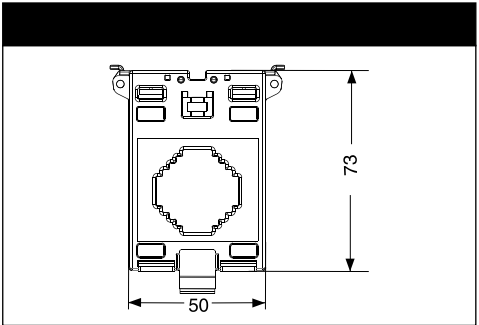
SPECIFICATIONS -

Rated Input Current : Nominal 80A AC (Min 4A - Max 96A)
No. of Phases : 1
Inner Dia : 12mm
Mounting : Din Rail & Wall Mount



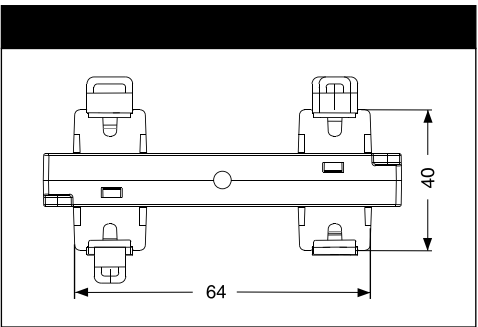
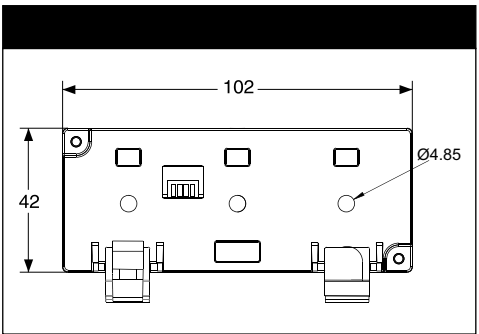
SPECIFICATIONS -

Rated Input Current : Nominal 250A AC (Min 10A - Max 300A)
No. of Phases : 1
Mounting : Din Rail & Wall Mount
Window : 30x10mm



SPECIFICATIONS -

Rated Input Current : Nominal 5A AC (Min 50mA - Max 6A)
No. of Phases : 3
Inner Dia : 4.85mm
Mounting : Din Rail & Wall Mount



Product Code	Supply/ Current range	Certification
MVA593-CE	180-300VAC 50/60Hz	
CT 1PH-D13mm-80A-G	80A	
CT 1PH-30x10mm-250A-G	250A	
CT 3PH-D13mm-80A-G	80A	
CT 3PH-21x25mm-250A-G	250A	
3PH 5A CONVERTER-G	---	

(Specifications subject to change as development is a continuous process.)

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