AMP CURRENT TRANSFORMER

Part Numbers: 3423

INSTALLATION INSTRUCTIONS

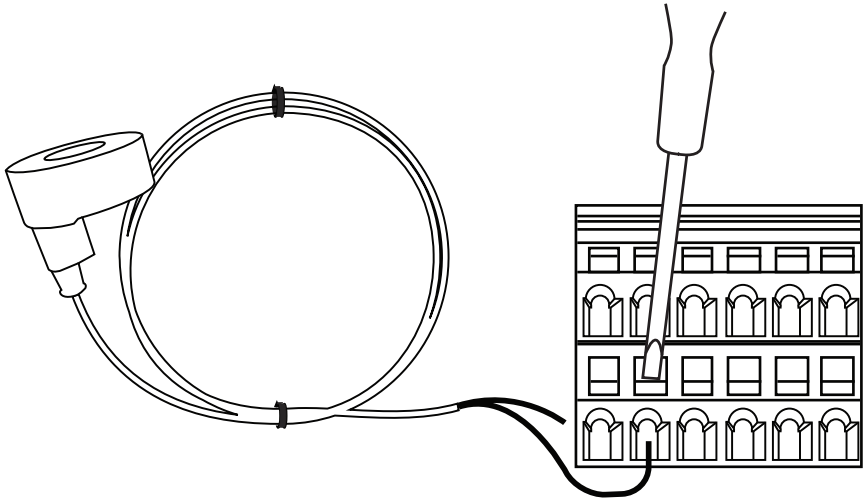


WARNING:

If the current transformer is used with a wire carrying AC current, then extremely high voltages can develop across the output leads. To ensure safety short out the leads or correctly connect them to terminals of the AC monitor.

INSTALLATION

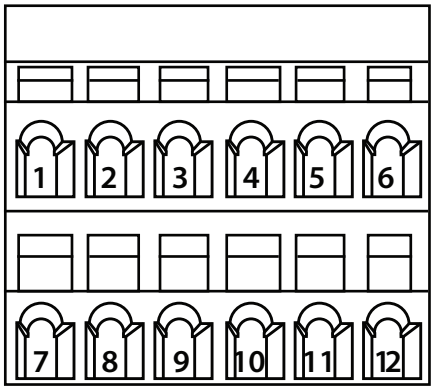
Install the Single Phase Conductor through the Current Transformer and cable-tie to the Transformer. Connect the flying lead to the 3420 AC Monitor as shown.



The cables from the Current Transformer to the external sockets are connected using the 6 x 2way WAGO Cage Clamp terminal block. The wire should be stripped for 8mm and then the cage clamp opened with a small screwdriver in the slot above the wire connection. Then simply insert the wire into it's connection slot and release the cage clamp by removing the small screw driver. This will produce a secure gas tight connection on wire sizes from 0.08 – 2.5 mm²

THE TERMINAL CONNECTIONS NUMBERING

The terminal connections are numbered as follows:



Install the Current transformer flying lead as shown below:

AC Monitor Connections

Terminal 1	Current Transformer Phase A (2)	
Terminal 2	Current Transformer Phase B (2)	
Terminal 3	Current Transformer Phase C (2)	
Terminal 4	Voltage Phase A Line	(Fit in-line 3 Amp fuse)
Terminal 5	Voltage Phase B Line	(Fit in-line 3 Amp fuse)
Terminal 6	Voltage Phase C Line	(Fit in-line 3 Amp fuse)
Terminal 7	Current Transformer Phase A (1)	
Terminal 8	Current Transformer Phase B (1)	
Terminal 9	Current Transformer Phase C (1)	
Terminal 10	No Connection	
Terminal 11	Neutral	
Terminal 12	No Connection	

Warning: Incorrect connections may permanently damage the unit.

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Oceanic Systems is a brand of:

Energy Solutions UK Ltd, Broadmead House,
Bellingham Way, Aylesford, Kent, ME20 6XS
+44 (0)1634 290772 sales@energy-solutions.co.uk
energy-solutions.co.uk

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