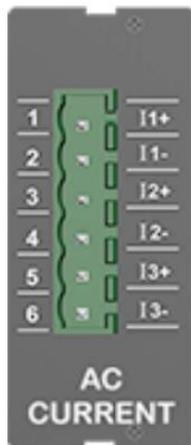


3 X MAINS CURRENT TRANSFORMER INPUT PLUG-IN MODULE

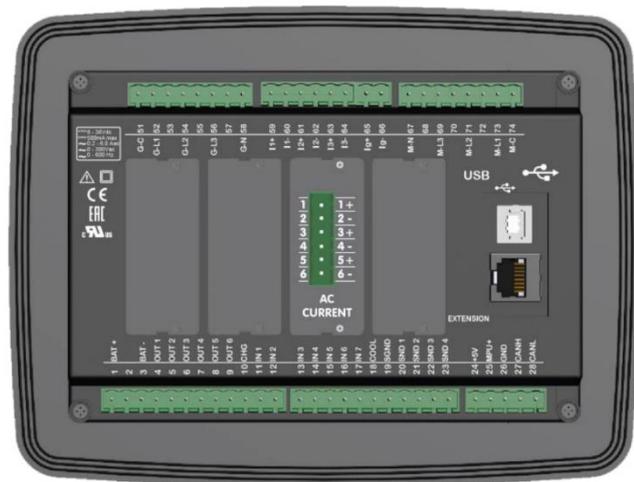
This mains current transformer input plug-in module is specially designed for Datakom D-500, 700 MK2 controllers.

It includes 3 additional current transformer inputs that are necessary for mains inputs current monitoring in some generator/mains parallel work applications where the both alternator and mains currents must be measured simultaneously.

Module view:



D-500 MK2 Controller rear view:



Measurement method: True RMS

Sampling rate: 8000 Hz

Harmonic analysis: up to 31th harmonic

Supported topologies: 3 ph 4 wires star,
3 ph 4 wires delta,
3 ph 3 wires delta
3 ph 3 wires delta L1-L2
3 ph 3 wires delta L2-L3
2ph 3 wires L1-L2
2ph 3 wires L1-L3
1 ph 2 wires

CT secondary rating: 5A

Measurement range: 5/5 to 5000/5A minimum

Input impedance: 15 milliohm

Burden: 0.375W

Maximum continuous current: 6A

Measurement range: 0.1 to 7.5A

Common mode offset: Max 5VAC between BAT- and any CT terminal.

Display resolution: 1A

Accuracy: 0.5% + 1 digit @ 5A ($\pm 4.5A$ @ 5/500A full range)