CONFIGURATION PARAMETERS – MODULE (Page 1)

101	Contrast	000 (%)
102	Display mode	Icon only (1), English (0)
103	S1 Option	Generator (1), Mains (0)
104	S1 Summary screen phase display	1-3
105	S2 Option	Generator (1), Mains (0)
106	S2 Summary screen phase display	1-3
107	Lamp test at power up	On (1), Off (0)
108	Power up in auto	On (1), Off (0)
109	Enable transfer by buttons	On (1), Off (0)
110	Test mode	On Load (1), Off Load (0)

CONFIGURATION PARAMETERS – APPLICATION (Page 2)

201	Breaker Type	Scheme B (1), Scheme A(0)
202	Check Sync	On (1), Off (0)
203	Return to Programmed Transition	On (1), Off (0)
204	Display mode	Icon only (1), English (0)

CONFIGURATION PARAMETERS – INPUTS (Page 3)

301	Digital Input A Source	0 (Input Source List)
302	Digital Input A Polarity	0 (Input Polarity List)
303	Digital Input B Source	0 (Input Source List)
304	Digital Input B Polarity	0 (Input Polarity List)
305	Digital Input C Source	0 (Input Source List)
306	Digital Input C Polarity	0 (Input Polarity List)
307	Digital Input D Source	0 (Input Source List)
308	Digital Input D Polarity	0 (Input Polarity List)

CONFIGURATION PARAMETERS – OUTPUTS (Page 4)

401	Digital Output A Source	0 (Output Source List)
402	Digital Output A Polarity	0 (Output Source Polarity)
403	Digital Output B Source	0 (Output Source List)
404	Digital Output B Polarity	0 (Output Source Polarity)
405	Digital Output C Source	0 (Output Source List)
406	Digital Output C Polarity	0 (Output Source Polarity)
407	Digital Output D Source	0 (Output Source List)
408	Digital Output D Polarity	0 (Output Source Polarity)
409	Digital Output E Source	0 (Output Source List)
410	Digital Output E Polarity	0 (Output Source Polarity)
411	Digital Output F Source	0 (Output Source List)
412	Digital Output F Polarity	0 (Output Source Polarity)
413	Digital Output G Source	0 (Output Source List)
414	Digital Output GPolarity	0 (Output Source Polarity)
415	Digital Output H Source	0 (Output Source List)
416	Digital Output H Polarity	0 (Output Source Polarity)

CONFIGURATION PARAMETERS – TIMERS (Page 5)

501	S1 Transient Delay	509	Breaker trip pulse	
502	Start Delay	510	Return delay	
503	Warming time	511	Cooling time	
504	S2 Fail delay	512	S2 transient delay	
505	Elevator Delay	513	Fail to stop enable	
506	Non-sync transfer time	514	Fai to stop delay	
507	Check sync transfer time	515	LCD Page timer	
508	Breaker close pulse	516	LCD Scroll timer	

CONFIGURATION PARAMETERS – S1 (Page 6)

601	Immediate S1 dropout	On (1), Off (0)
602	AC system	0 (AC System)
603	Under voltage enable	On (1), Off (0)
604	Under voltage trip	0 V
605	Under voltage return	0 V
606	Over voltage enable	On (1), Off (0)
607	Over voltage return	0 V
608	Over voltage trip	0 V
609	Under frequency enable	On (1), Off (0)
610	Under frequency trip	0.0 Hz
611	Under frequency return	0.0 Hz
612	Over frequency enable	On (1), Off (0)
613	Over frequency return	0.0 Hz
614	Over frequency trip	0.0 Hz

CONFIGURATION PARAMETERS – S2 (Page 7)

701	Immediate S2 dropout	On (1), Off (0)
702	Under voltage enable (Generator Option)	On (1), Off (0)
703	Under voltage trip (Generator Option)	0 V
704	Loading voltage (Generator Option)	0 V
705	Over voltage enable (Generator Option)	On (1), Off (0)
706	Over voltage trip (Generator Option)	0 V
707	Under frequency enable (Generator Option)	On (1), Off (0)
708	Under frequency trip (Generator Option)	0.0 Hz
709	Loading frequency (Generator Option)	0.0 Hz
710	Over frequency enable (Generator Option)	On (1), Off (0)
711	Over frequency trip (Generator Option)	0.0 Hz
712	Under voltage enable (Mains Option)	On (1), Off (0)
713	Under voltage (Mains Option)	0 V
714	Under voltage return (Mains Option)	0 V
715	Over voltage enable (Mains Option)	On (1), Off (0)
716	Over voltage return (Mains Option)	0 V
717	Over voltage trip (Mains Option)	0 V
718	Under frequency enable (Mains Option)	On (1), Off (0)
719	Under frequency (Mains Option)	0.0 Hz
720	Under frequency return (Mains Option)	0.0 Hz
721	Over frequency enable (Mains Option)	On (1), Off (0)
722	Over frequency return (Mains Option)	0.0 Hz
723	Over frequency trip (Mains Option)	0.0 Hz

CONFIGURATION PARAMETERS – PLANT BATTERY (Page 8)

801	Under voltage enable	On (1), Off (0)
802	Under voltage	0.0 V
803	Under voltage return	0.0 V
804	Under voltage delay	0.00.00
805	Over voltage enable	On (1), Off (0)
806	Over voltage return	0.0 V
807	Over voltage trip	0.0 V
808	Over voltage delay	0.00.00

CONFIGURATION PARAMETERS – SCHEDULER (Page 9)

901	Enable scheduler	On (1), Off (0)
902	On or off load	On (1), Off (0)
903	Start time	0:00
904	Day	1-7 (Day, 1=Monday)
905	Duration	0:00

CONFIGURATION PARAMETERS – TIME (Page 10)

1001	Time of day	0:00
1002	Day of week	1-7 (Day, 1=Monday)
1003	Start time	0:00

Parameters with multiple choices use the following identification tables for the parameter values:

INPUT SOURCE LIST

0	Not used
1	Alarm Reset
2	Alarm Mute
3	Auto Restore Inhibit
4	Auto Start Inhibit
5	Auxiliary S2 Available
6	Auxiliary S1 Fail
7	S2 Load Inhibit
8	S2 Closed Auxiliary
9	Inhibit Scheduled Run
10	Lamp Test
11	Load Shedding
12	S1 Closed Auxiliary
13	S1 Load Inhibit
14	Open / Close S2
15	Open / Close S1
16	Panel Lock
17	Remote Start off-load
18	Remote Start on-load
19	Simulated S1 available
20	Simulated S2 available

INPUT POLARITY LIST

Index	Action
0	Close to Activate
1	Open to Activate

OUTPUT POLARITY LIST

Index	Arming
0	Energise
1	De-energise

AC SYSTEM

Index	Type
0	3 phase 4 wire
1	Single phase 2 wire
2	3 phase 3 wire
3	2 phase 3 wire (L1-L2)
4	2 phase 3 wire (L1-L3)
5	3 phase 4 wire (Delta)

INPUT ARMING LIST

Index	Arming
0	Always
1	From Safety On
2	From Starting
3	Never

INPUT ACTION LIST

Index	Action
0	Electrical Trip
1	Shutdown
2	Warning

OUTPUT SOURCE LIST	
0	Not Used
1	Audible Alarm
2	Battery High Voltage
3	Battery Low Voltage
4	Close S2 Output
5	Close S2 Output Pulse
6	Close S1 Output
7	Close S1 Output Pulse
8	Close to N Output
9	Close to N Output Pulse
10	Common Warning
11	Cooling Down
12	Digital Input A
13	Digital Input B
14	Digital Input C
15	Digital Input D
16	Elevator Control
17	Fail to start
18	Fail to stop
19	Fail to reach loading voltage
20	Fail to reach loading frequency
21	S2 Available
22	S2 Failure Latched
23	S2 Failure Unlatched
24	S2 In Limits
25	S2 Load Inhibited
26	S2 ready
27	S1 Failure unlatched
28	S1 Failure latched
29	S1 High Frequency
30	S1 High Voltage
31	S1 In Limits
32	S1 Load Inhibited
33	S1 Low Frequency
34	S1 Low Voltage
35	Return Delay
36	Open S2 Output
37	Open S2 Output Pulse
38	Open S1 Output
39	Open S1 Output Pulse
40	Scheduled Run
41	Start And Run S2
42	Start Delay
43	Waiting For S2
44	Waiting For Manual Restore
45	Warming Up

DIMENSIONS AND MOUNTING

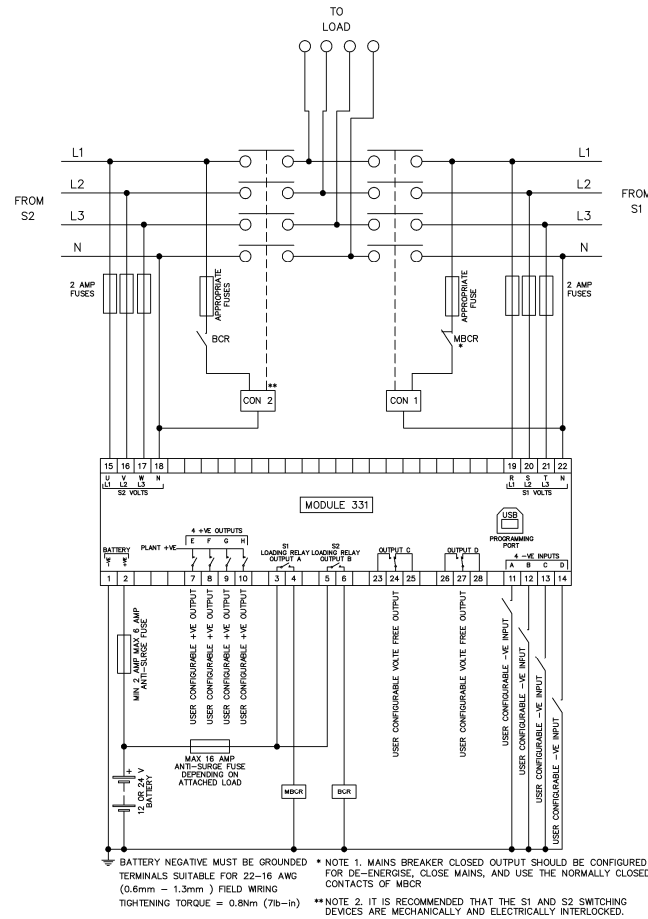For flat surface mounting in a Type 1 enclosure.

DIMENSIONS
180 mm x 116 mm x 42 mm
(7.1" x 4.6" x 1.7")

PANEL CUTOUT
154 mm x 98 mm
(6.0" x 3.9")

TYPICAL WIRING DIAGRAM

A larger version of the diagram can be found in the products operator's manual.

ACCESSING THE FRONT PANEL CONFIGURATION EDITOR

Press and hold the (✓) button

The configuration icon is displayed, along with the first configurable parameter.

EDITING A PARAMETER

Press (+) to select the next parameter or (-) to select the previous parameter

When viewing the parameter to be changed, press the (✓) button. The value begins to flash.

Press (+) or (-) to adjust the value to the required setting.

Press (✓) the save the current value, the value ceases flashing.

Press and hold the (✓) button to exit the editor, the configuration icon will be removed from the display.

⚠ **NOTE**: - Pressing and holding the + / - buttons will give auto-repeat functionality. Large values can be changed quicker by holding the buttons for a prolonged period. For instance large timers increment in 1 second steps to 1 minute, then in 30 second steps to 1 hour, then in 30 minute steps.