

Technical data

P4200 Self contained wall-mounted
(Switch Tripping) unit

30 volt battery pack and float charger
Type A (No standing load)

5.0Ah supply for powering coils, protection relays etc.

Trauma tested to ensure safe power under extreme conditions

Battery
Charger
Casing, etc
Standards and testing

Unit designed and manufactured by Slencrest Ltd. 01622 741122
Document first published 10/92, fully revised 09/01

Battery pack	1No. P4291
Sealed Lead-Acid	Type
30 volt	Nominal voltage
15	Number of cells Taped, and shrink-wrapped
5Ah	Rated capacity
Wound Lead (pasted)	Construction of negative and positive plates
10 years	Design float life at 25°C
Cyclon 'X'	Manufacturer's cell type
500mA	Float charge rate
35.7±0.3V	Float voltage

Charger

Input

110/240V	Voltage
Single	Phase
50Hz/60Hz	Frequency

Output

One	Number of outputs
32A Redspot	Value & type
500mA @35.7V	Rated float current at float voltage
35.1-36.3V 35.7V	Float voltage adjustment range Nominal setting
350mA-550mA 500mA	Float current adjustment range Nominal setting
Better than .05% for +6% to -10%	Output voltage regulation for mains voltage variation
10 hours	Recharge time after full discharge

Casing

Dimensions (approx)

300mm	High
380mm	Wide
210mm	Deep with bolt positions for fixing to wall
5.6kg	Complete battery pack
11.2kg	Unit not including battery

Front panel

Switch for main supply On/Off

Spring loaded test switch that inserts 5 amp load resistance

Voltmeter with range 0-40 volts

2 amp fuse for mains input

2 amp fuse between transformer and control board

7 amp fuse between control board and battery

System mains supply switch on LED (red)

Cabling

Spring loaded DIN connectors for all external wiring through removable gland plate (see drawing 420008)

Standards and testing

Batteries to BS 6290

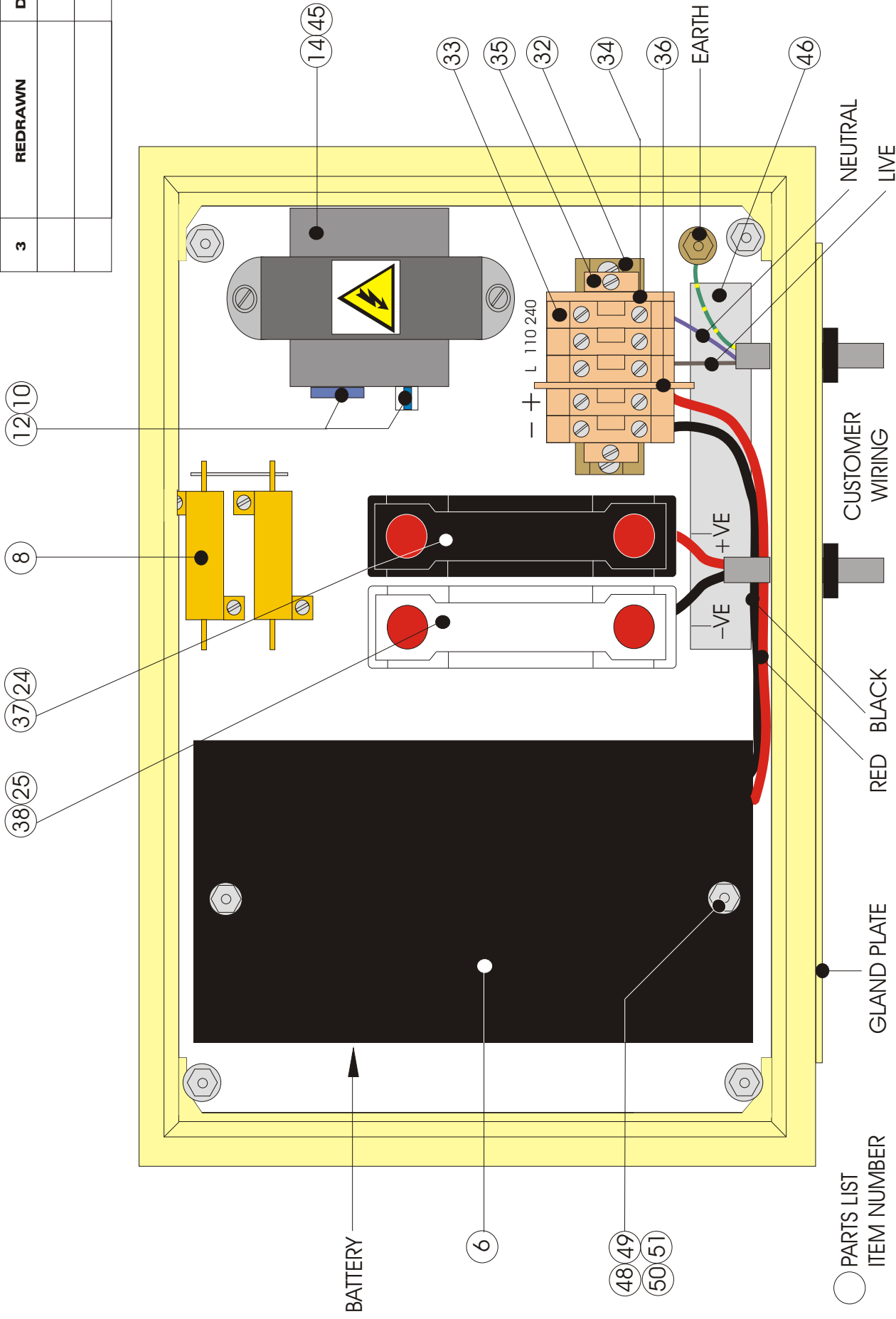
Unit designed to ESI standard 50-18

Complies with Engineering Standard 3-0301 (Switchgear)

Fully tested

Enclosure complies with IP31 for indoor mounting

ISSUE	ALTERATION	BY	DATE
3	REDRAWN	DAF	28/3/00



○ PARTS LIST
ITEM NUMBER

DRAWING No.
42008
DRN. DAF ENGR SSM

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SCALE :-		TOLERANCES :-	
DIMENSIONS :-			
TITLE		GA INSIDE UNIT SHOWING CUSTOMER WIRING MODEL 4200	
SLENCREST LIMITED		BROAD OAK HOUSE PHEASANT LANE MAIDSTONE KENT ME15 9QR	