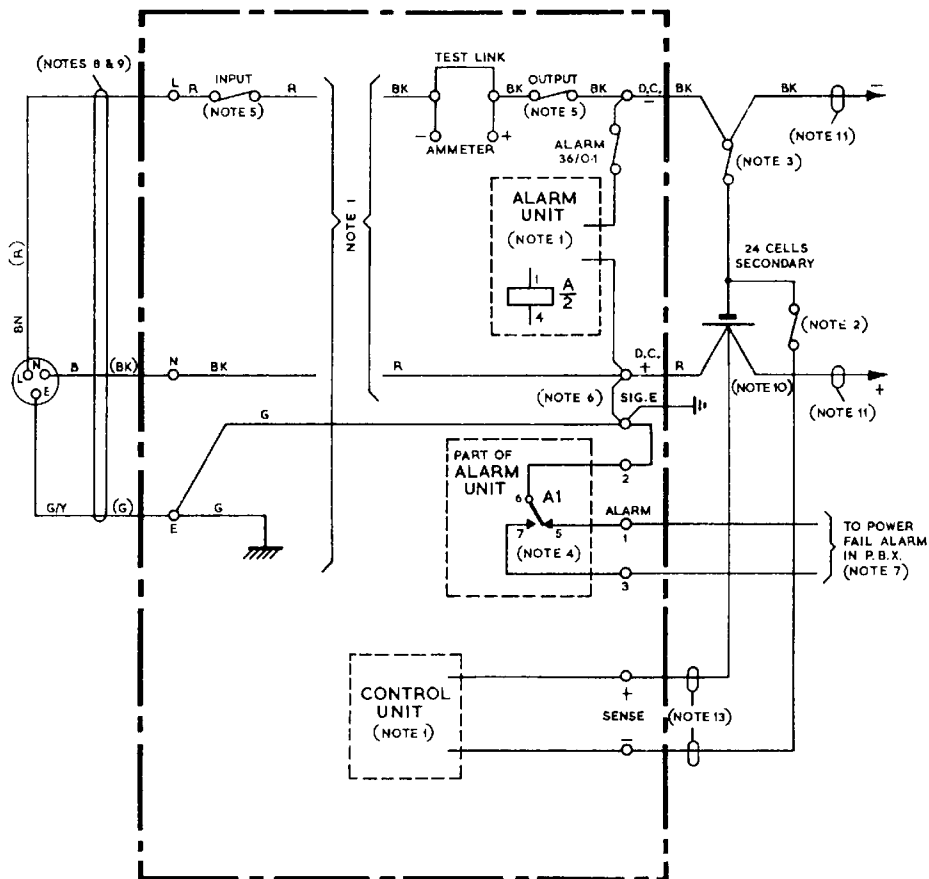


RECTIFIER No.128/...

RECTIFIERS Nos.128/1-5;128/5;128/10;128/20;128/40 & 128/60.

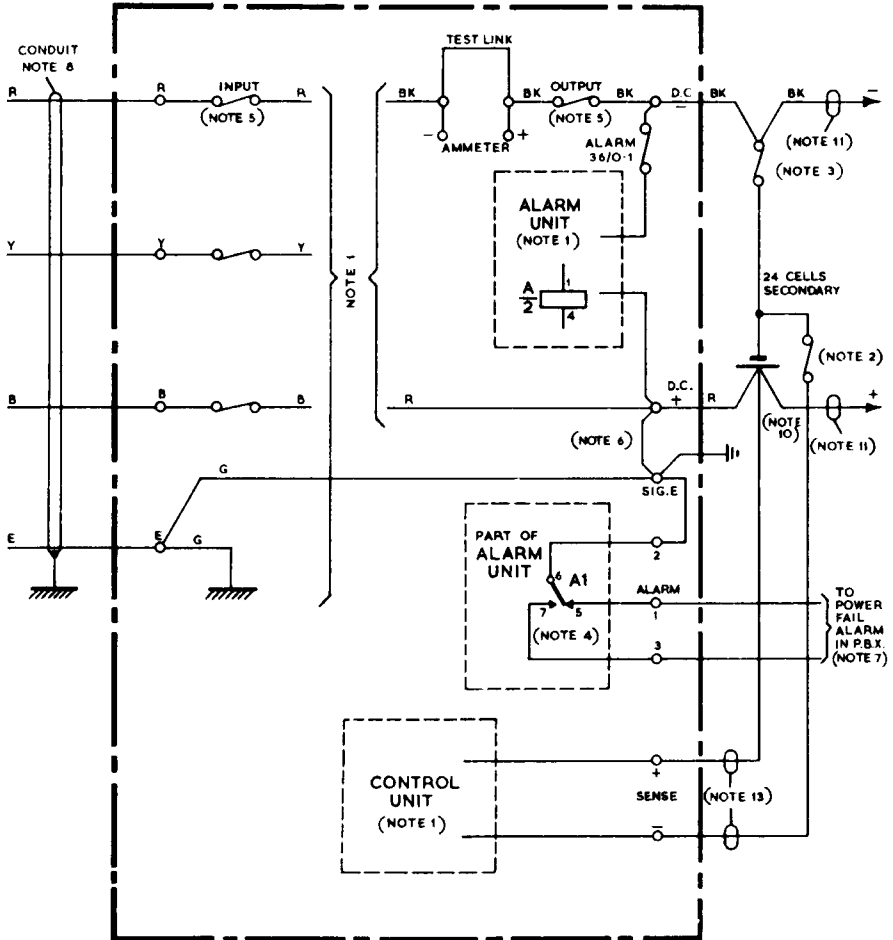


P.O.  
TELECOMMS  
HQRS.

PAPER: W  
CIRC'LTN:  
GENERAL

ISSUE

RECTIFIER No.128/100



NOTES:-

1. For all internal connexions reference should be made to Paster Diagram.
2. Sense lead to be fused using a Fuse No. 36A/0.05.
3. Rating of Battery Fuse to be same as Rectifier output Fuse.
4. Relay normally operated. Contacts shown unoperated.
5. Fuse Table:-

<u>Rectifier 128/...</u>	<u>Input</u>	<u>Output</u>
1.5	Fuse No. 36A/1	Fuse No. 36/2
5	Fuse No. 36A/3	Fuse No. 36A/7
10	Fuse No. 36A/5	Fuse No. 57/15
20	Fuse Clip in 15/15	Fuse No. 57/30
40	Fuse Link Cartridge 30/30A	Fuse No. 57/60
60	Fuse Link Cartridge 50/60A	Fuse No. 59/100
100	Fuse Link Cartridge 30/30A	Fuse No. 59/150

6. The Rectifier Positive Lead is earthed to the Local Telephone Signalling Earth. The Mains Protective Earth must not be utilised for the Telephone Signalling Earth. An entirely independent connexion with wire copper soft stranded 3/20 to a separate earth e.g. an additional spike must be provided. These two earths are connected together at the Terminal Block of the rectifier.

7. The alarm leads should be connected as follows:-  
Terminal 2 to Telephone Signalling Earth terminal.  
Terminal 1 to:-

(a)	PABX's 1 and 2	SCA 132	Dgm SA 8119
(b)	PABX 3 Main	U15	Dgm SA 8196
(c)	PABX 3 Satellite	U16	Dgm SA 8175 or SA 8189
(d)	PABX 4 Main	MF Lead	Dgm SA 8340
(e)	PABX 4 Satellite	MF Lead	Dgm SA 8348
(f)	Pre-standard PABX 4	Terminal A	Dgm N 2304
(g)	PABX 7	TSA 56	Dgm SAX 85400
(h)	PMBX's 2/....	Terminal 1	Dgm N 2332
(i)	PMBX's 4	MF 2	Dgm SA 7601

Terminal 3 to:-

(a)	PMBX's 2/...	Terminal 2	Dgm N 2332
(b)	PMBX's 4	MF 1	Dgm SA 7601

8. Connexion should be made to the terminals appropriate to the supply voltage using cord or cables as follows:-

Rectifier No. 128/1.5 } Cord Flexible 250/440V. PVC 3 core 0.75mm<sup>2</sup>  
128/5 ) and 3 pin plug of at least 5 amp rating.

- Rectifier No. 128/10 As Rectifier No. 128/5 OR with Cable 250V P.V.C. 1.5mm<sup>2</sup> via conduit to a switch-fuse.
- Rectifier No. 128/20 With Cord Flexible P.V.C. 250/440V 3 core 1.5mm<sup>2</sup> and 3 pin plug of at least 13 amp rating OR with Cable 250V P.V.C. 1.5mm<sup>2</sup> via conduit to a switch-fuse.
- Rectifier No. 128/40 With Cable 250V P.V.C. 10mm<sup>2</sup> via conduit to a switch-fuse.
- Rectifier No. 128/60 With Cable 250V P.V.C. 16mm<sup>2</sup> via conduit to a switch-fuse.
- Rectifier No. 128/100 With Cable 250V P.V.C. 10mm<sup>2</sup> via conduit to a switch-fuse.

The cord, cable and plugs must be requisitioned separately and fitted locally.

9. International colour code used. Colours quoted in brackets are in accordance with the British colour code.
10. To reduce the rectifier noise level to a minimum, the load leads and rectifier leads should be tied on the battery fuse panel as shown. This panel should be as close as practicable to the battery.
11. Cable, 250V P.V.C. ...mm<sup>2</sup>. See E.I. POWER, General, S 3350 or Specification S 997.
12. If Silicon Rectifier Elements are used additional Protection Fuses may be fitted (see Paster Diagram).
13. Sense Leads to be cable 250V P.V.C. 1.5mm<sup>2</sup>.