

List Numbers for ordering purposes

| Rating amp | Alternative type of connection | | | *Also available with CEGB Cat 1 terminations (List No RST20H) †Also available for flush mounting with sealing facility (List No. RS20F) |
|------------|--------------------------------|--------|------------|--|
| | FRONT | BACK | FRONT/BACK | |
| 20 | *RS20H | †RS20P | RS20PH | |
| 32 | RS32H | RS32P | RS32PH | |
| 63 | RS63H | RS63P | RS63PH | |
| 100 | RS100H | RS100P | RS100PH | |
| 200 | RS200H | RS200P | RS200PH | |
| 400 | RS400H | RS400P | RS400PH | |

Illustrations & dimensions shown on pages 5,6, & 7

'RED SPOT' 200 & 400 amp fuse holders

High quality mouldings, safety shrouds and precision made copper contacts ensure reliable operation

Additional special features

- Through grip handle for maximum control
- Silver plated contacts with generous cross section
- Guides to ensure parallel action on insertion or withdrawal of fuse carrier
- Patented non-twist cable clamping screws of large diameter on the 200 amp and cable clamping plate on the 400 amp fuse holders prevent damage to cables
- Terminal screw locking device, incorporating the principle used in the twelve sided spanner, can be fitted to the hexagon head of the terminal screw, whatever its' position when fully tightened, by using one of the two positions provided for locating the captive screw (arrowed in FIG 3)

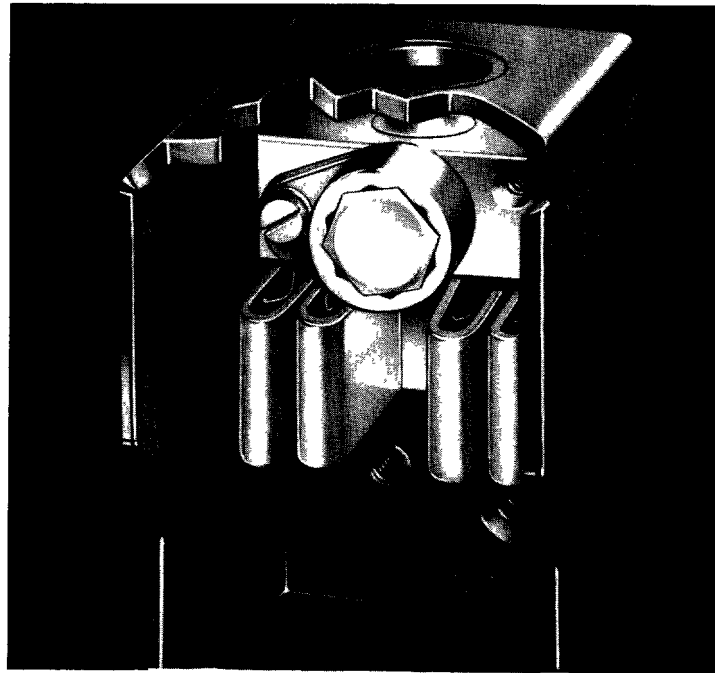


FIG 3 Front connected 200 amp 'Red Spot' fuse base with shroud removed and with moulding partly cut-away to show silver plated base contact and terminal screw locking device

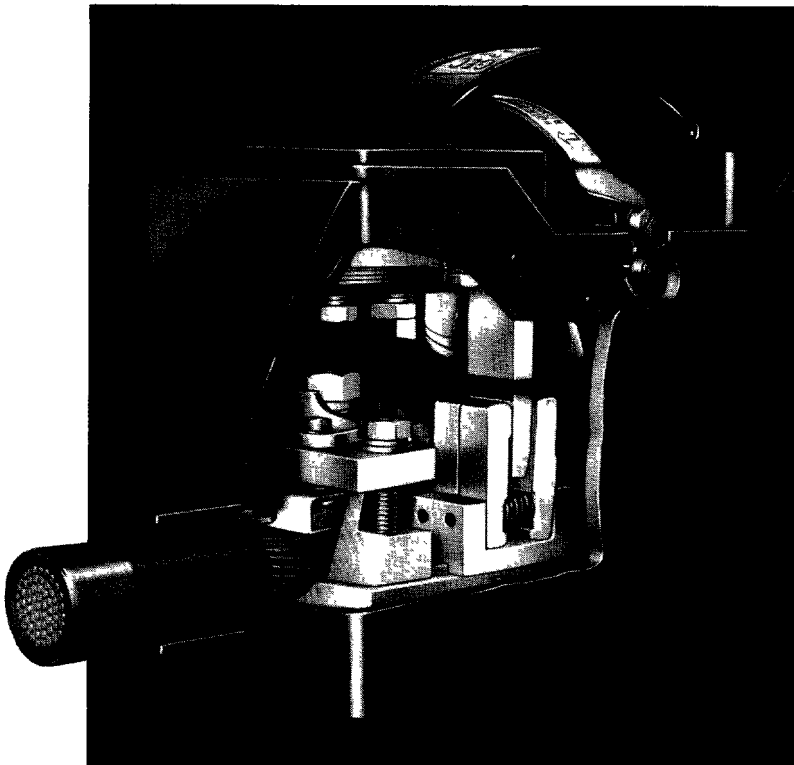


FIG 4 Front connected 400 amp 'Red Spot' fuse holder with moulding partly cut-away to show silver plated contacts, red nylon shroud and cable clamping device

Approvals

Approved by leading Authorities including CEGB * (Approval No 29) and used in equipment approved by Lloyds

† Back connected types approved for Categories of duty I & II Front connected types approved for Category of duty II

RST20H (see list numbers) front connected type approved for Category of duty I

H.R.C. Fuse links accommodated

| Fuse holder rating amp | Type 'T' to BS 88 Part 2 1975 660 volts a c | Extended range of Type 'T' to BS 88 Part 2 1975 for motor circuit protection (660 volts a c) | | |
|------------------------|---|--|--------------------|-------------------------------|
| | | List No | Current rating amp | Rating for motor starting amp |
| 20 | NIT2-20A (550 volts a c) | NIT20M25 | 20 | 25 |
| | | NIT20M32 (415 volts a c) | 20 | 32 |
| 32 | TIA2-32A | TIA32M35 | 32 | 35 |
| | | TIA32M40 | 32 | 40 |
| | | TIA32M50 | 32 | 50 |
| | | TIA32M63 | 32 | 63 |
| 63 | TIA2-32A TIS35-63A | TIS63M80 | 63 | 80 |
| | | TIS63M100 | 63 | 100 |
| 100 | †TIA2-32A †TIS35-63A TCP80 & 100A | TCP100M125 | 100 | 125 |
| | | TCP100M160 | 100 | 160 |
| | | TCP100M200 | 100 | 200 |
| 200 | TBC2-63A TC80 & 100A TF125-200A | TF200M250 | 200 | 250 |
| | | *TF200M315 | 200 | 315 |
| 400 | TKM 250 & 315A TM355 & 400A | TM400M450 | 400 | 450 |

† Adaptor plate required List No P5372/10
* 550 volts a c

Note For full details on Type 'T' fuse links, including d c performance, please refer to Publication IEF/401

Coloured Fuse holders

The standard finish is black, but fuse holders moulded in white, grey or green CEGB approved colours, can be supplied For ratings and types available see Price list FG/127

Method of cabling

Front connected fuse holders

- 1) Remove red nylon insulating shroud to release cable sleeve
- 2) Remove cable sleeve
- 3) Fit cable sleeve over cable.
- 4) Fit conductor into fuse base terminal and tighten cable clamping screw to secure. If flexible cables are used, their relatively fine strands may be given increased protection by the use of thin wall copper ferrules over the conductor ends The following should be taken into account
 - a) The inside diameter of the thin wall copper ferrule should match that of the bared conductor end as closely as possible
 - b) The length of the thin wall copper ferrule should match that of the tunnel in the fuse base terminal
 - c) The wall thickness of the ferrule should be thin enough for the ferrule to be compressed by the tightening of the cable clamping screw The flexible conductors will then be consolidated within the deformed ferrule
- 5) Replace red nylon shroud taking care that it holds the cable sleeve in position by locating the shroud in the groove provided in the sleeves

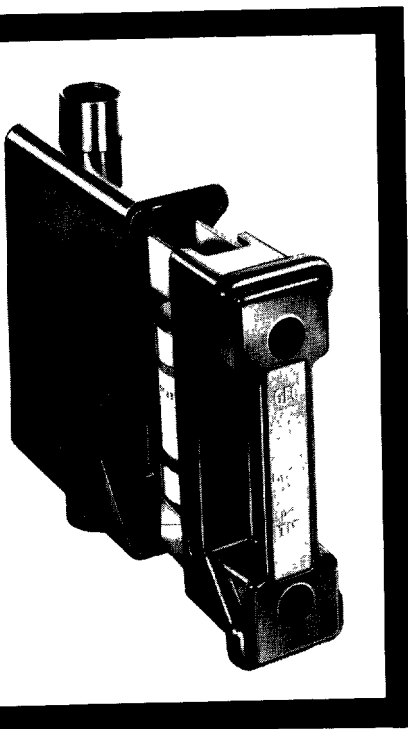


FIG 5 Front connected 63 amp fuse holder