



ZD0921



### RCBO

#### Arc Fault Detection Devices

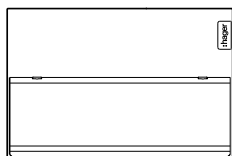
ARR906U - RCBO 1M 6A B curve 6kA Type A 30mA  
ARR910U - RCBO 1M 10A B curve 6kA Type A 30mA  
ARR916U - RCBO 1M 16A B curve 6kA Type A 30mA  
ARR920U - RCBO 1M 20A B curve 6kA Type A 30mA  
ARR925U - RCBO 1M 25A B curve 6kA Type A 30mA  
ARR932U - RCBO 1M 32A B curve 6kA Type A 30mA

### MCB

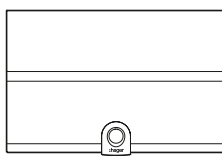
#### Arc Fault Detection Devices

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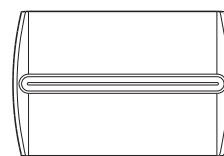
Hager RCBO / MCB / AFDD devices are retrofittable in 18th edition (metal) Hager Consumer Units only:



**Design 10** Single, Dual Row & Flush



**Design 30** Single & Dual Row



**Design 50** Flush

## Guidance Notes for All Switch Disconnecter Consumer Units

### Switch Disconnecter Incomer *Surface Mounted* Consumer Units

- All current SD metal Consumer Unit designs are verified with RCBO / AFDD
- Ina & Inc ratings for these Consumer Unit designs are maintained when RCBO / AFDD devices are employed

### Switch Disconnecter Incomer *Flush Mounted* Consumer Units

- For retrofit applications the Internal neutral cable is required to be uprated to 25mm to retain board Ina rating ( cable part number - KE03B )

## Guidance Notes for All 100A Dual RCCB Consumer Units

### 100A Dual RCCB *Surface & Flush Mounted* Consumer Units

- All current Split load dual RCCB metal Consumer unit designs are verified with Tyne MCB/AFDD
- When used in conjunction with outgoing MCB / AFDD devices, the Consumer Unit assembly maintains an Ina of 100A, however the Inc rating of each RCCB where MCB/AFDD are fitted will need to be derated to 80A. To ensure this the upstream overload protection for the board must be provided at a maximum of 80 A or, the sum of the downstream devices for each RCCB where MCB/AFDD are fitted to be equal to or less than 80 A

## Guidance Notes for 100A RCCB Incomer Consumer Units

### RCCB Incomer *Surface Mounted* Consumer Units

- When used in conjunction with outgoing MCB / AFDD devices, the Inc rating of the RCCB fitted will need to be derated to 90 A. To ensure this the upstream overload protection for the board must be provided at a maximum of 90A or, the sum of the downstream devices for each RCCB where MCB / AFDD are fitted to be equal to or less than 90 A