

## Residual Current Breaker Overload (RCBO)

**Product Code:** 93203SP/B (SP 1-mod 32A 30mA 'B' RCBO c/w Neutral lead)

- Line voltage independent electronic combined RCD/MCB device with a width of only one module
- Used with pin busbar the mcb can be withdrawn from a full din rail without having to drop the busbar
- Current test marks as printed onto the device
- Switch position Green Red indicator
- Compatible with standard busbar
- High selectivity between MCB and back-up fuse due to low let-through energy

### Technical Data

#### Electrical

Number of poles	<b>1-mod</b> 1xPh (Sw), 1xN (Solid)
Characteristic	B, C, D
Voltage range for protection	120V - 250V AC
Sensitivity	AC
Design according to	IEC/EN 61009
Rated voltage	AC: 240V
Rated frequency	50/60 Hz
Rated breaking capacity	6kA
Rated Current	6A to 40A
Rated Tripping Current	10,30,100, 300mA
Electrical operating cycles	4000
Neutral lead length	960mm

#### Electrical continued

*Tripping characteristics RCD component*

Line Voltage independent	Instantaneous
Peak withstand current	250A (8/20u)
Voltage range for protective function	120 – 250V AC

#### Mechanical

Frame size	45 mm
Mechanical operating cycles	20000
Terminal Capacity	1mm <sup>2</sup> to 25mm <sup>2</sup>
Terminal, top & bottom	Tunnel & Clamp
Busbar thickness	0.8mm to 2mm
Degree of protection	IP40
Terminal IP rating	IP20
Per ambient temp rating	-25 °C to +40°C
Device Height	120 mm
Device Width	17.5 mm (1MU)

#### *Tripping characteristics MCB component*

Conventional non-tripping current	1.13I <sub>n</sub>
Conventional current	1.45I <sub>n</sub>
Selectivity class	3
Short circuit breaking capacity	6kA
Maximum back-up fuse > 6KA	100 A gl

