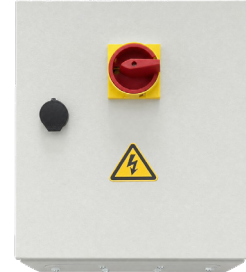


FSM - FUSED SWITCH METAL

Description:

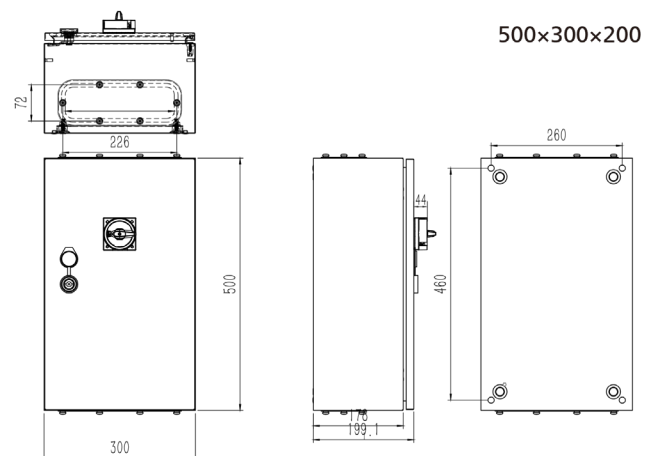
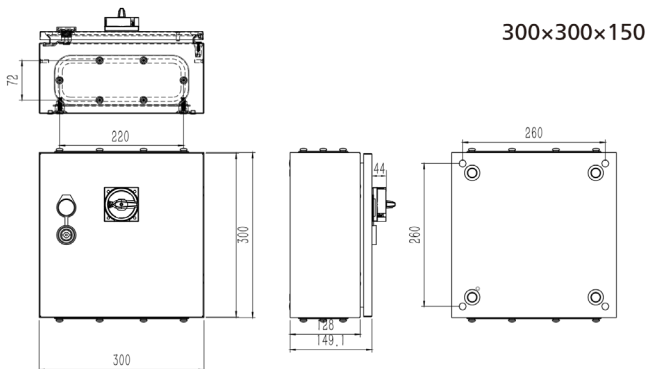
Powder coated, mild steel enclosures finish to RAL 7035, with an IP rating of IP65.

Padlockable in the 'OFF' position and door interlocked in the 'ON' position.



OTHER ADDITIONAL INFORMATION

Code	Amperage (A)	Height (mm)	Width (mm)	Depth (mm)
FSM323SN	32	300	300	150
FSM633SN	63	500	300	200
FSM803SN	80	500	300	200
FSM1003SN	100	500	300	200
FSM1253SN	125	500	300	200



Full technical specifications on the next page.

Current (<40°) Agreed heating current		32A	63A	80A	100A	100A	125A
IEC Rated operational current AC-21 A/B (<690V)		32A/32A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A
IEC rated operational current AC-22 A/B	415V	32A/32A	63A/63A	80A/80A	100A/100A	100A/100A	125A/125A
	500V						
	690V		40A/63A	63A/80A	63A/80A	80A/100A	100A/125A
IEC rated operational current AC-23 A/B	415V	32A/32A	63A/63A	80A/80A	100A/100A	100A/100A	125A-125A
	500V	25A/25A	63A/63A			80A/80A	100A/100A
	690V		40A/40A			63A/63A	63A/63A
IEC ratedoperational current DC-21B	110VDC	① 32A	① 63A	① 80A	① 100A	① 100A	① 125A
	250VDC	② 32A	② 63A	② 80A	② 100A	② 100A	② 125A
	400VDC	③ 25A	③ 40A			③ 63A	
IEC rated operational power (3 phase) AC-23A/B	415V	15KW	30KW	37KW	45KW		55KW
	500V						
	690V						
Short circuit withstand current of fuse protection (kA rms expected value)							
Fuse class	415V	32A	63A	80A	100A		125A
Rated conditional short-circuit current	415V	10kA	15kA			20kA	
Short circuit withstand current of circuit breaker for protection, any circuit breaker that can trip within 0.3s							
Rated short-time withstand current	0.3S	2.5kA	3kA			5kA	
Short circuit performance (unprotected)							
Rated short-time withstand current	1S	1.26kA	1.5kA			2.75kA	
Rated short circuit making capacity		1.8kA	2.1kA			3.9kA	
Cable cross section		1.5-10mm²	2.5-35mm²			10-70mm²	
Rated insulation voltage Ui		800V					
Rated impulse voltage Uimp		8kV					
Mechanical Endurance		100000					
Ambient Temperature		Operating -25-+55°C Storage -40+70°C					

① Each pole is used as positive and negative

② Three poles in series, two poles in series for positive, one pole for negative

③ Four poles in series, two poles in series for positive