



LIVE ELECTRICAL DISTRIBUTION UK LTD

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Ensure that these instructions are made available to the end user for future reference.



IP20 METAL ENCLOSED DOOR INTERLOCKED FUSED SWITCHES

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This document must be retained for future reference.

It is the responsibility of the person installing the electrical equipment to ensure that the installation meets the requirements of the IET wiring regulations and is therefore 'fit for purpose'.

Factors such as correct selection of components, cable sizing, protective devices and earth bonding are all critical and should be checked prior to full testing and power-up.

Any other regulations applicable to the equipment being installed such as the machinery directive and current health and safety legislation must also be adhered to.

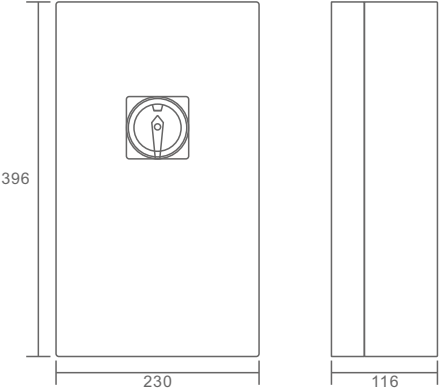
All connections (including factory made) must be checked for the correct tightness prior to commissioning of the electrical installation.

All connections should also be inspected periodically to ensure correct tightness.

Description

- Part No.: MFS125.
- Fitted With 125A Isolation Switch.
- Fitted 3P 125A Fuse Holder.
- Fitted 22x58mm 100A Fuse.
- Operating Voltage: 400VAC.
- Rated Frequency: 50Hz.
- Degree Of Protection: IP20.
- Standard: BS EN 60947-3.

Dimension (mm)



Technical Data

Fuse And Fuse Holder Specification

Part No.	FU100A22
Size	22x58mm
Function Class	gG
Rated Voltage	500V
Breaking Capacity	120kA

Part No.	WS18-125/3P
Max Rated Current	125A
Size	22x58mm
Rated Voltage	690V AC
Rated Power Dissipation	9.5W
Max Power Dissipation	12W
Terminal Capacity	50mm ²
Terminal Torque	2.5Nm

Isolation Switch Specification

Part No.	IS4125	
Conventional Free Air Thermal Current (I _{th})	125A	
Operational Current I _e		
AC-21A/B	415V	125A/125A
	500V	
	690V	
AC-22A/B	415V	125A/125A
	500V	
	690V	100A/125A
AC-23A/B	415V	125A125A
	500V	100A/100A
	690V	63A/63A
DC-21B	110VDC	125A ^①
	250VDC	125A ^②
	400VDC	63A ^③
Rated Operational Power		
AC-23A/B	415V	55kW
	500V	
	690V	
Short circuit withstand current of fuse protection(kA rms expected value)		
Fuse class	415V	125A
Rated Conditional Short-Circuit Current	415V	25kA
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	5kA
Short circuit performance(unprotected)		
Rated Short-time Withstand Current	1s	2.75kA
Rated Short Circuit Making Capacity		3.9kA
Cross Sectional Area of Terminals		10~70mm ²
Torque Setting		5-6Nm
Rated Insulation Voltage U _i		800V
Rated Impulse Withstand Voltage U _{imp}		8kV
Mechanical Endurance		10000
①Each pole is used as positive and negative.		
②Three poles are used in series with positive and negative poles,of which two poles are in series, and the other is negative.		
③ four poles are used in series with positive and negative poles.		

Environment

Waste electrical products should not be disposed of in household waste contact your retailer or local authority for recycling information.

