

Product Data Sheet



Product Code: U100FS	Issue No. B	Issue Date: 21/03/2018	Issue by: T. Tombs
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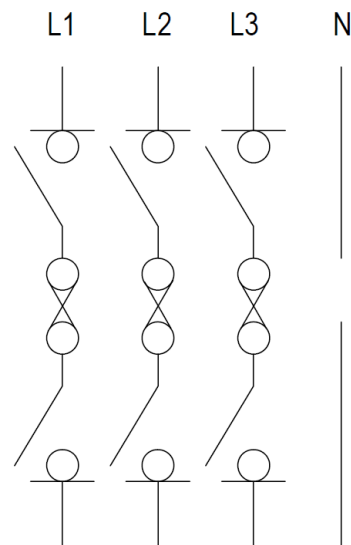
Description
100A 3 pole switch-disconnector-fuse with bolted neutral link. Metal enclosure to IP3X.

General Characteristics

Standards.	BSEN 60947-1, BSEN 60947-3.
Current rating.	100A AC21 & AC22A 100A AC23A. 55kW.
Voltage rating.	230 / 400V ac. 50/60Hz.
Fault current rating. RMS.	65 kA with 100A BS88 fuse.
Fuse	BS88 part 2. Centre tag, 111mm fixings.
Torque	15 Nm.
Enclosure.	1.2mm mild steel case.
Finish:	2mm mild steel screw fixed RAL 7035 Matt.
Handle.	Paint finish electrostatically applied. Padlockable OFF. Push red button to reveal padlock access slot. Lock not provided.
IP Rating.	3X
Impulse (U imp)	8 kV.
Pollution degree.	3
No of poles.	3 switched. Bolted neutral.
Incomer terminal capacity.	M8 bolt. 70mm ² 95mm ² with spreader box.
Incomer terminal tightening torque.	20 Nm
Cable entry facility. Top & bottom.	Blank removable steel gland plates.
Covers / Door.	Full size door. Interlocked with handle. Access only when switched OFF.
Equipment type.	Fixed stationary
Weight.	11.9 kg



Switchgear Fitted	
Device	Rating
3 x fuses	100A gG



Accessories.	
UCB1	Cable spreader box to suit U63FS to U160FS. Height 200mm, width 350mm, depth 185mm. Switch gland plate fits onto end of spreader box.
Replacement fuse.	PCD100.

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Key Dimensions	Mounting hole positions	Fixing foot detail
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Additional information.

Usage
Intended for use by skilled persons or instructed persons.

Electrical
Earth & Neutral terminals : Earth bolt M10
Rated frequency: 50 / 60Hz.
Rated operational voltage: 230 / 400V
Rated insulation voltage U_i : 1000V
Fuses: BS88 part 2.
EMC environment: Environment type A.

Physical
Ambient operating temperature -5 to 40 °C
(Not exceeding average of 35 °C in any 24 hour period).
Maximum altitude 2000m.

Installation
Service conditions: Wiring of this product must comply with current IEE regulations. Units are intended for indoor use and dry conditions and **NOT** where high levels of humidity and temperature are experienced.
Note: IP rating of enclosures can be compromised if correct use of glands is not followed when installing unit.