



ELECTRICAL INDUSTRIES



2011 general catalogue 2012

FPB Palazzoli



MOULDED ISOLATORS

- A range of thermoplastic enclosed padlockable isolation switches available in 2, 3, or 4 pole options
- Electrical ratings from 16 to 100A with operating voltages up to 415VAC
- Distinctive high visibility red handle on yellow body design
- Ingress protection ratings up to IP65
- Suitable for both top & bottom entry/exit cabling
- All isolators are rated IP65 Watertight
- Door cannot be removed when switch is in the "on" position

Reference should be made to the technical information table for maximum current ratings when operating within the different switching categories

NATURE OF CURRENT	CATEGORY	TYPICAL APPLICATIONS	RELEVANT IEC PRODUCT STANDARD
A.C	AC-20A, AC-20B	Connecting & disconnecting under no-load conditions	60947-3
	AC-21A, AC21-B	Switching of resistive loads, including moderate overloads	
	AC-22A, AC-22B	Switching of mixed resistive & inductive loads, including moderate overloads	
	AC-23A, AC-23B	Switching of motor loads or other highly inductive loads	
	AC-1	Non-inductive or slightly inductive loads, resistance furnaces	
	AC-2	Slip-ring motors: starting, switching off	
	AC-3	Squirrel-cage motors: starting, switching off motors during running	

MOULDED SWITCHES

Conformity to Standards:	BS EN 60947-3 BS EN 60529	Temperature resistance:	Operating: -30 to +50°C Storage: -40 to +80°C
Protection rating:	IP56	Cable entry	4x 25mm knockouts + 2x 20mm adaptors
Impact resistance:	>IK 06	Connecting sections of the wires	max: 35mm ²
Self extinguishing:	V0		
Breaker category	AC3-AC23A - Mixed resistive & inductive loads		

MOULDED ISOLATOR SWITCHES CAM ST

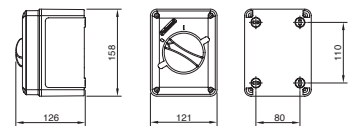
IP65 Watertight rotary isolators



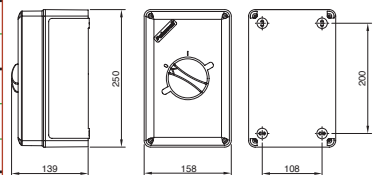
AMPS	POLES	CODE
16	2	PM16/208/2FPB
	3	PM16/208/3FPB
	4	PM16/208/4FPB
25	3	PM25/208/3FPB
	4	PM25/208/4FPB
32	2	PM32/208/2FPB
	3	PM32/208/3FPB
	4	PM32/208/4FPB
40	3	PM40/208/3FPB
	4	PM40/208/4FPB
63	2	PM63/208/2FPB
	3	PM63/208/3FPB
	4	PM63/208/4FPB
100	3	PM100/208/3FPB
	4	PM100/208/4FPB

Operating category AC3 – AC23A
Suitable for switching of motor loads or other highly inductive loads

from 16A to 32A



from 40A to 100A



4 POLE ISOLATOR

Conformity to Standards: BS EN 60947-3
BS EN 60529

Protection rating: IP65

Impact resistance: IK 06

Glow wire test:

Self extinguishing: V0

Breaker category: AC22A Mixed resistive & inductive loads

Temperature resistance: Operating -25 to +50°C

Storage -30 to +70°C

MOULDED ISOLATOR SWITCHES

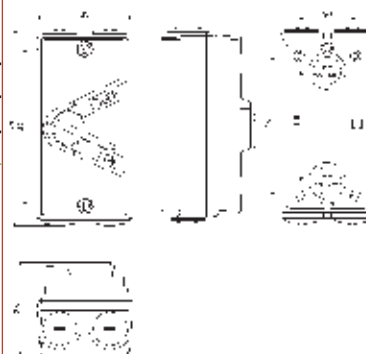
IP56 Watertight 4Pole isolator



AMPS	POLES	CODE
20	4	ISO-20
35	4	ISO-35
63	4	ISO-63

Operating category AC22A

Suitable for mixed residue & inductive loads including moderate overloads



IP65 Watertight 4Pole rotary isolator

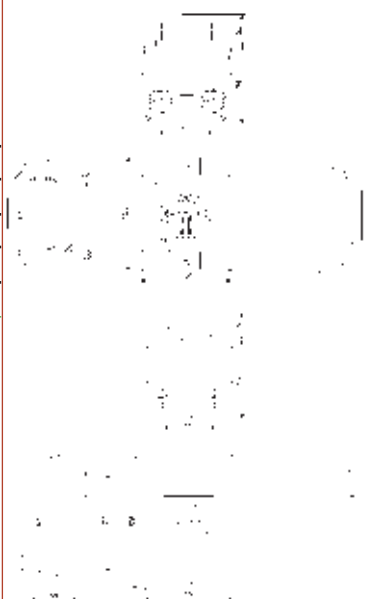


AMPS	POLES	CODE
16	4	R-16A/4P
25	4	R-25A/4P
32	4	R-32A/4P
40	4	R-40A/4P
63	4	R-63A/4P

4 pole rotary isolators with door interlock, preventing front cover from being removed when in the ON position.

Knockouts top & bottom.

Can be padlocked in the OFF position.



4 POLE METAL ISOLATOR

Conformity to Standards:	BSEN 60947-3 BS EN 60529	Temperature resistance:	Operating -30 to +50°C Storage -40 to +80°C
Protection rating:	IP65	Cable entry	20mm knockouts top, bottom and sides unit can be locked in OFF position
Impact resistance:	IK 08	Connecting sections of the wires	max: 35mm ²
Self extinguishing:	V0		
Breaker category:	AC22A		

3 PHASE ISOLATOR

Conformity to Standards:	BS EN 60947-3 BS EN 60529	Temperature resistance:	Operating -30 to +50°C Storage -40 to +80°C
Protection rating:	IP65	Cable entry - gland plate	GLAND PLATE ON BOTTOM S2503P -GLAND PLATE TOP AND BOTTOM
Impact resistance:	IK08	Connecting sections of the wires	S323P/S633P/S1003P/S1253P max: 35mm ² S2503P (M8 BOLT CONNECTION) max: 50mm ²
Self extinguishing:	V0		
Breaker category	AC21 Resistive loads AC22A Mixed resistive & inductive loads		

ISOLATOR SWITCHES

IP40 4Pole metal isolator



AMPS	POLES	CODE
32	4	M324P

- Toggle style operating handle
- AC22A rated
- Can be locked in 'off' position (padlock not included)
- Manufactured in accordance with BS EN609 47-3

IP40 3Phase isolator



AMPS	POLES	CODE
32	3	S323P
63	3	S633P
100	3	S1003P
125	3	S1253P
250	3	S2503P

- AC22A rated
- Can be locked in 'off' position (padlock not included)
- Manufactured in accordance with BS EN609 47-3



FUSED SWITCHES

Conformity to Standards:	CEI EN 60309-1	IEC 60309-1	Cable entry	16A	2P+E	min: 8	max: 13 mm
	CEI EN 60309-2	IEC 60309-2		32A	3P+E	min: 8.5	max: 14 mm
	CEI EN 60529	IEC 60529			3P+N+E	min: 10	max: 15.5mm
Impact resistance:	>IK 08						
Glow wire test:	850°C insert						
Self extinguishing:	V2						
Temperature resistance:	Operating	-25 to +50°C	Connecting sections of the wires	16A		min: 1	max: 2.5mm ²
	Storage	-30 to +70°C		32A		min: 2.5	max: 6 mm ²

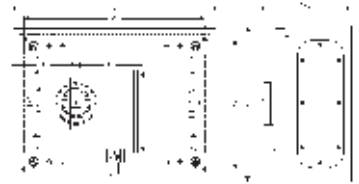
FUSED SWITCHES

IP65 Watertight 3Phase fused switches



AMPS	POLES	CODE
32	3	FS323P
80	3	FS803P
125	3	FS1253P

FS803P - 3x63A + 3x80A fuses
 FS1253P - 3x100A + 3x125A fuses
 Robust steel enclosure
 Generous cabling space
 Lockable in 3 positions (padlocks not included)



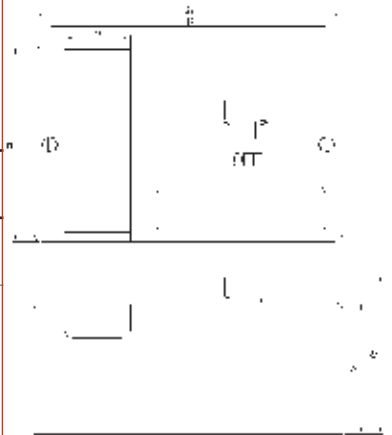
	A	B	C	D	E	F
FS323P	300	250	250	200	100	95
FS803P	400	300	350	250	125	130
FS1253P	400	300	350	250	125	130

IP20 100A fused switch



DESCRIPTION	CODE
100A fused switch including 100A fuses & cable duct (22x58 IEC 60269-2)	MSF100
Cable duct for MSF100	MSF100(CD)

2pole fused switch ideal for the protection & isolation of incoming supplies up to 100A
 Supplied complete with 80A & 100A fuses





Dealer's stamp



Argall Avenue, London E10 7QD - United Kingdom

UK Sales
 Tel: +44 (0)20 8539 0237
 Fax: +44 (0)20 8558 2718
 e-mail: sales@lewden.co.uk

Export Sales
 Tel: +44 (0)20 8988 7787
 Fax: +44 (0)20 8558 2001
 web: www.lewden.com