

Datasheet

Plymouth Isolators



The Plymouth Isolators are a range of 3 & 4 pole isolators specially designed to be spacious to allow easy install when larger cables are being used. With a range going from 16 Amp to 100 Amp, they can be used on any of your daily jobs for isolation of equipment & machinery.

Plymouth 3 Pole Isolators

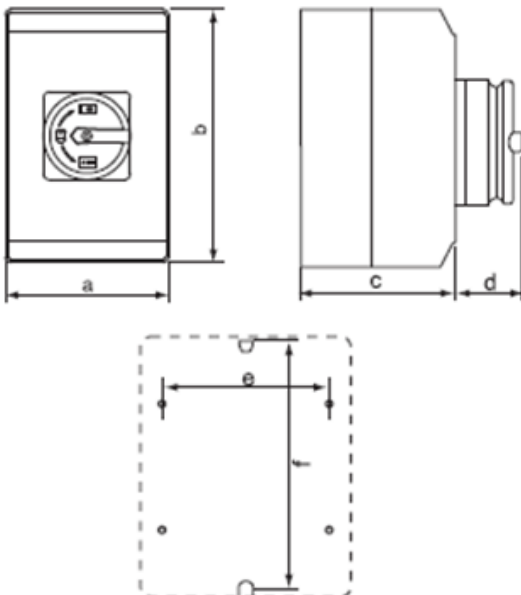
Features:

- Rated IP65—Inner switch rated IP20
- Yellow/Red pad lockable handles
- Black Handle Option in 40A
- Knockouts for cable glands
- Rated 8 times AC23 Current
- Interlocked in ON position
- Interlocked in pad locked Off
- 415V
- 3 Poles

Performance Features:

- Rated Isolated Voltage $U_i(V)$ - 690
- Rated Impulse withstand Voltage $U_{imp}(KV)$ - 4 (80 & 100 Amp @ 6)
- Rated Frequency (Hz)—50/60
- Rated Short time withstand current (1s) $1c_w(KA)$ - 1
- Electrical Endurance (Number of operations) - 3,000
- Mechanical Endurance (Number of operations—50,000)
- Flame Rating UL94V-0

	IS203	IS253	IS323S	IS403	IS403BK
Rating (Amps)	20	25	32	40	40
Rated Power P_e (kw)	5.5	7.5	11	15	18.5
KO Size	M20	M20/25	M20/25	M20/25	M20/25
Handle Colour	Red/Yellow	Red/Yellow	Red/Yellow	Red/Yellow	Black



	a	b	c	d	e	f
IS203	80	101	66	35	60	60
IS253	101	126	86	35	80	115
IS323S	101	126	86	35	80	165
IS403	116	176	101	35	90	165
IS403BK	116	176	101	35	90	165

Plymouth 4 Pole Isolators

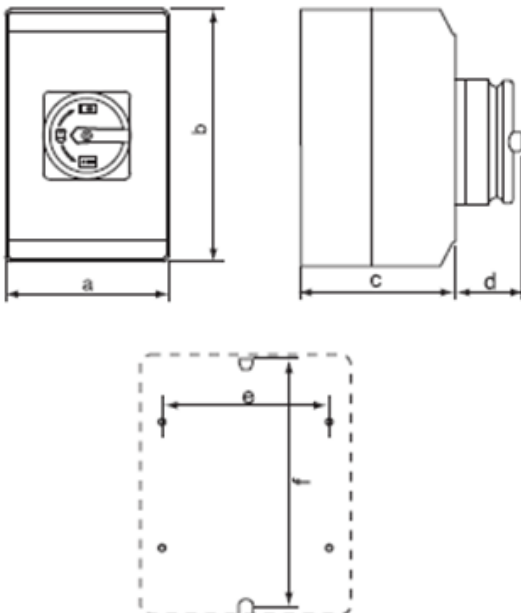
Features:

- Rated IP65—Inner switch rated IP20
- Yellow/Red pad lockable handles
- Knockouts for cable glands
- Rated 8 times AC23 Current
- Interlocked in ON position
- Interlocked in pad locked Off
- 415V
- 4 Poles

Performance Features:

- Rated Isolated Voltage $U_i(V)$ - 690
- Rated Impulse withstand Voltage $U_{imp}(KV)$ - 4 (80 & 100 Amp @ 6)
- Rated Frequency (Hz)—50/60
- Rated Short time withstand current (1s) $1c_w (KA)$ - 1
- Electrical Endurance (Number of operations) - 3,000
- Mechanical Endurance (Number of operations—50,000)
- Flame Rating UL94V-0

	IS164	IS204	IS204L	IS254	IS324S	IS324	IS404	IS634	IS804	IS1004
Rating (Amps)	16	20	20	25	32	32	40	63	80	100
Rated Power	4	5.5	5.5	7.5	11	11	15	18.5	22	30
KO Size	M20	M20	M20/25	M20/25	M20/25	M20/25	M20/25	M20/25	M20/25	M20/25



	a	b	c	d	e	f
IS164	80	101	66	35	60	60
IS204	80	101	66	35	60	60
IS204L	101	126	86	35	80	115
IS254	101	126	86	35	80	115
IS324S	101	126	86	35	80	115
IS324	116	176	101	35	90	165
IS404	116	176	101	35	90	165
IS634	116	176	101	35	90	165
IS804	160	240	122	37	142	193
IS1004	160	240	122	37	142	193