



PowerLine

Compact, heavy duty
Fusible disconnect switches
30A – 800A, 600V

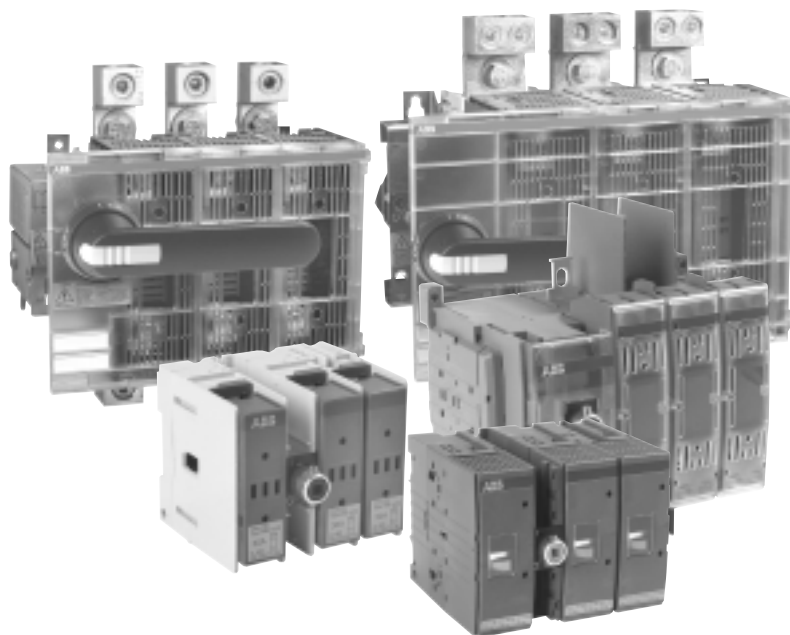
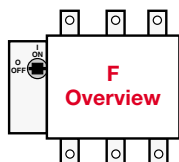
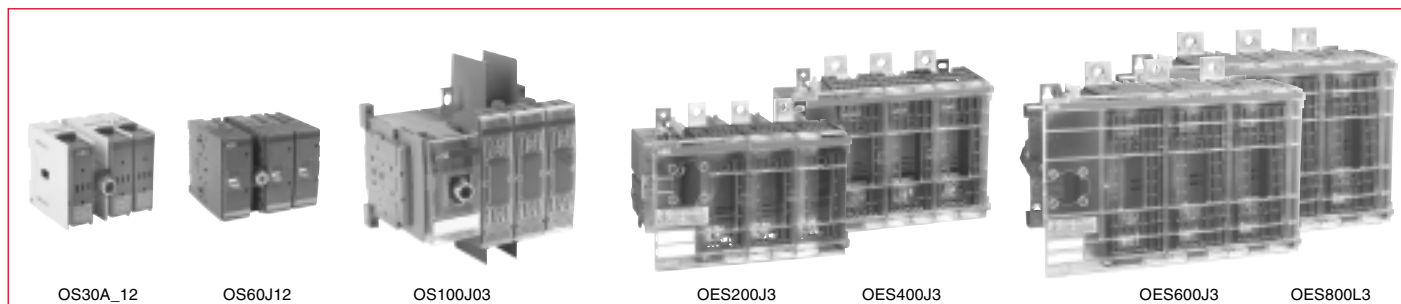


ABB PowerLine includes seven different amperage sizes from 30A to 800A. All PowerLine fusible switches are designed to meet customer requirements in terms of high interrupting capacity and long electrical life while occupying little more panel space than the appropriate fuses. The basic construction provides flexibility and high performance in an extremely compact size. ABB PowerLine switches are a perfect choice to withstand the heat and humidity of the tropics, the extreme cold of the arctic and any rugged industrial environment you may have.

Fusible



Overview for Fusible disconnect switches OS30ACC12 – OES800L3



Catalog number	3 pole	OS30ACC12	OS30AJ12	OS60J12	OS100J03	OES200J3	OES400J3	OES600J3	OES800L3
General purpose amp rating	A	30	30	60	100	200	400	600	800
Catalog reference	Page #	2.11	2.11	2.17	2.17	2.23	2.23	2.23	2.23
Approvals^①	2 pole 3 pole 4 pole	N/A UL98 & IEC UL98 & IEC	N/A UL98 & IEC UL98 & IEC	N/A UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC
Technical ratings (UL, CSA)									
Max operating voltage	V	600	600	600	600	600	600	600	600
Max horsepower rating									
Three phase									
200 – 208V	HP	5/7.5	5/7.5	15	25	50	100/125	150	200
240V	HP	7.5	7.5	15	30	60	125	200	250
480V	HP	15	15	30	60	125	250	400	500
600V	HP	20	20	50	75	150	350	500	600
Single phase									
120V	HP	2	2	—	—	—	—	—	—
240V	HP	3	3	—	—	—	—	—	—
UL fuse class		CC	J	J	J	J,T	J,T	J,T	L
Technical ratings (IEC)									
Rated insulation and operational voltage, AC20 and DC20		1000	1000	1000	1000	1000	1000	1000	1000
Rated thermal current, I _{th}									
AC 20/DC 20 open	A	32	32	63	160	200	400	630	800
AC 20/DC 20 enclosed	A	32	32	63	160	200	400	600	720
AC 21A 500V	A	32	32	63	160	200	400	630	800
690V	A	32	32	63	160	200	400	630	800
Rated operational power AC23									
400/415V	kW	14/15	14/15	30	80/90	100/110	210/230	315/340	350/380
690V	kW	25	25	60	132	180	330	540	600
Physical characteristics									
Weight	3 pole switch 4 pole	lb lb	1.54 1.98	2.86 3.52	3.30 3.96	15.20 17.4	17.18 19.38	37.44 46.26	37.44 46.26
Dimension	3 pole	H in W in D in	3.66 4.15 4.10	3.60 4.15 4.10	3.94 5.63 5.04	5.67 7.07 5.10	7.87 10.32 7.80	8.90 11.26 8.07	10.10 14.80 9.17
Accessories									
Double break contacts		S	S	S	S	S	S	S	S
Fuse cover		S	S	S	S	S	S	S	S
Terminal lug kit		Integral	Integral	Integral	OZXA-24	OZXA-25	OZXA-26	OZXA-27	OZXA-27
Terminal shroud		Not required	Not required	Not required	•	•	•	•	•
Auxiliary contact		•	•	•	•	•	•	•	•
Handle UL/NEMA type									
Type 1, 3R, 12		•	•	•	•	•	•	•	•
Type 1, 3R, 4, 4X, 12		•	•	•	•	•	•	•	•
Conversion kit									
6 pole		•	•	•	•	•	•	•	•
Transfer		•	•	•	•	•	•	•	•
Bypass		—	—	—	—	•	•	•	•
Mechanical interlock		•	•	•	•	•	•	•	•
Electrical interlock		—	—	—	—	•	•	•	•

S = Standard
• = Available
— = Not available

UL listed, CSA approved, IEC rated, CE marked

① UL listed switches are also CSA approved.