

# Technical data

## OS30A\_12 – OES800L3

### UL & CSA

Disconnect  
switches  
Fusible

### UL & CSA

Catalog number	3 pole	OS30A_12	OS60J12	OS100J03	OS200J03	OES400J3	OES600J3	OES800L3
Approvals ①	2 pole 3 pole 4 pole	N/A UL98 & IEC UL98 & IEC	N/A UL98 & IEC UL98 & IEC	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
<b>Technical ratings</b>	-40° to 40°C							
General purpose amp rating pf = 0.7 – 0.8	<b>A</b>	<b>30</b>	<b>60</b>	<b>100</b>	<b>200</b>	<b>400</b>	<b>600</b>	<b>800</b>
Max operating voltage	V	600	600	600	600	600	600	600
Max horsepower rating/ Max motor FLA current pf = 0.4 – 0.5								
Three phase								
200 – 208V	HP/A	5/16.8 – 7.5/24.2	15/46.2	25/75.0	50/143.0	100/273 – 125/344	150/396	200/528
240V	HP/A	7.5/22.0	15/42.0	30/80.0	60/145.0	125/312.0	200/480.0	250/602.0
480V	HP/A	15/21.0	30/40.0	60/77.0	125/156.0	250/302.0	400/477.0	500/590.0
600V	HP/A	20/22.0	50/52.0	75/77.0	150/144.0	350/336.0	500/472.0	600/ –
Single phase								
120V	HP/A	2/24.0	–	–	–	–	–	–
240V	HP/A	3/17.0	–	–	–	–	–	–
Short circuit rating with fuse	kA	200	200	200	100	100	100	100
UL Fuse size	A	30	60	100	200	400	600	800
UL Fuse type		J/CC	J	J/T	J/T	J/T	J/T	L
<b>Endurances</b>								
Min. Electrical endurance, pf = 0.75 – 0.80	operation cycles	6000	6000	6000	6000	1000	1000	500
Mechanical endurance	operation	20,000	20,000	20,000	20,000	12,000	10,000	7000
<b>Physical characteristics</b>								
Weight	3 pole lb 4 pole lb	1.54 1.98	2.86 3.52	3.30 3.96	5.9 7.5	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	3.94 5.63 5.04	5.67 7.07 5.10	6.5 7.1 5.2	8.90 11.26 8.07	10.10 14.80 9.17	10.10 14.80 9.17
Shaft size square □	in mm	.20 5 x 5	.24 x .24 6 x 6	.24 x .24 6 x 6	.24 x .24 6 x 6	.47 x .47 12 x 12	.47 x .47 12 x 12	.47 x .47 12 x 12
Switch operating torque for rotary 3 pole switches	lb. in.	26.6	35.5	70.9	195	195	248	248
<b>Terminal lug kits</b>								
Wire range	AWG	Integral #18 – 8	Integral #14 – 4	OZXA-24 #14 – 2/0	OZXA-200 #4 – 300kcmil	OZXA-26 #2 – 600kcmil	OZXA-27 (2) #2 – 600 kcmil	OZXA-27 (2) #2 – 600 kcmil
Torque:								
Wire tightening	lb. in.	17	30	120	200	500	500	500
Lug mounting	lb. in.	N/A	N/A	50	72	480	480	480
<b>Auxiliary contacts</b>								
NEMA ratings, AC		OA4G_	OA1/3G_	OA_G_	OA_G_	OA_G_	OZXK-__	OZXK-__
AC rated voltage	VAC	—	A600	A600	A600	A600	A600	A600
AC thermal rated current	A	250	600	600	600	600	600	600
AC maximum volt ampere making	VA	6	10	10	10	10	10	10
AC maximum volt ampere breaking	VA	—	7200	7200	7200	7200	7200	7200
NEMA ratings, DC								
DC rated voltage	VDC	—	P300	R300	R300	P600	P600	P600
DC thermal rated current	A	—	300	300	300	600	600	600
DC maximum make break current	A	—	1	1	1	5	5	5
			28	28	28	138	138	138
Torque:								
Wire tightening	lb. in.	7	7	7	7	7	7	7
Wire range	AWG	#22 – 14/#18 – 14	#18 – 14	#18 – 14	#18 – 14	#20 – 12	#20 – 12	#20 – 12

① The following UL Listed switches are also CSA approved.