

# Technical data

## OETL-NF200 – OETL-NF3150

### UL & CSA

Disconnect  
switches  
Non-fusible

#### UL & CSA

Catalog number	3 pole	OETL-NF200A	OETL-NF400	OETL-NF600A	OETL-NF800A	OETL-NF1200	OETL-NF1600	OETL-NF2000	OETL-NF3150 ⑤
Approvals <sup>①</sup>	2 pole 3 pole 4 pole	UL98 & IEC UL98 & IEC IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC UL98 & IEC	UL98 & IEC UL98 & IEC IEC	UL98 & IEC UL98 & IEC IEC	UL98 & IEC UL98 & IEC IEC	UL98 & IEC UL98 & IEC IEC	IEC IEC IEC
<b>General purpose amp rating</b> pf = 0.7 – 0.8	-40° to 40°C <b>A</b>	<b>200</b>	<b>400</b>	<b>600</b>	<b>800</b>	<b>1200</b>	<b>1600</b>	<b>2000</b>	<b>3150</b>
Max. operating voltage	V	600	600	600	600	600	600	480	—
Max. horsepower rating/Max. motor FLA current, pf = 0.4 – 0.5									
Three phase	200 – 208V HP/A 240V HP/A 480V HP/A 600V HP/A	60/160.0 75/192.0 150/180.0 200/192.0	100/273.0 125/312.0 250/302.0 350/336.0	150/396.0 200/480.0 400/477.0 500/472.0	200/528.0 250/602.0 500/590.0 600/576	— — — —	— — — —	— — — —	— — — —
Single phase	120V HP/A 240V HP/A	— —	— —	— —	— —	— —	— —	— —	— —
Short circuit rating with fuse									
Fuse type CC	kA	—	—	—	—	—	—	—	—
Fuse type J	kA	100	100	100	—	—	—	—	—
Fuse type T	kA	100	100	100	—	—	—	—	—
Fuse type RK1	kA	—	—	—	—	—	—	—	—
Fuse type RK5	kA	—	100	100	—	—	—	—	—
Fuse type L	kA	—	—	—	100	100	100	100	—
Fuse type H	kA	—	—	—	—	—	—	—	—
Maximum fuse size	A	600 200	600	600	1200	1200	2000	2000	—
Short circuit rating with MCCB	kA	25	50	50	50	50	65	65	—
Endurances									
Min. Electrical endurance, pf = 0.75 – 0.80 operation cycles		6000	1000	1000	500	500	500	500	400
Min. Electrical endurance, pf = 0.40 – 0.50 operation cycles		②	②	②	②	②	②	②	②
Mechanical endurance operations		16,000	10,000	10,000	10,000	10,000	6000	6000	6000
Physical characteristics									
Weight, switches 3 pole	lb	6.61	13.66	13.66	35.9	38.55	127.7	127.7	127.7
4 pole	lb	8.15	16.74	16.74	45.15	49.56	149.7	149.7	149.7
Dimension, switches 3 pole	H in	6.38	8.78	8.54	14.65	14.65	21.5	21.5	21.5
	W in	8.50	10.24	11.69	14.25	14.25	18.11	18.11	18.11
	D in	4.57	5.12	5.12	4.92	4.92	10.67	10.67	10.67
Shaft set screw tightening torque	lb. in.	—	—	—	—	—	—	—	—
Shaft size — square □	in	.31 x .31	.47 x .47	.47 x .47	.47 x .47	.47 x .47	.47 x .47	.47 x .47	.47 x .47
	mm	8 x 8	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12	12 x 12
Switch operating torque for rotary 3 pole switches	lb. in.	71.5	184	184	184	184	438	438	438
Terminal lug kits		OZXA-25	OZXA-26	OZXA-27	OZXA-30	OZXA-28	OZXA-28	OZXA-28/2	OZXA-28/2
Wire range	AWG	#6-300kcmil <sup>②</sup>	#2-600kcmil	(2)#2-600kcmil	(2)#2-600kcmil	(4)#2-600kcmil	(4)#2-600kcmil	(8)#2-600kcmil	(8)#2-600kcmil
Torque:									
Wire tightening	lb. in.	375	500	500	375	375	375	375	375
Lug mounting	lb. in.	230	480	480	230	230	230	230	230
Auxiliary contacts		OZ XK-__	OZ XK-__	OZ XK-__	OZ XK-__	OZ XK-__	OZ XK-__	OZ XK-__	OZ XK-__
NEMA ratings, AC		A600	A600	A600	A600	A600	A600	A600	A600
AC rated voltage	VAC	600	600	600	600	600	600	600	600
AC thermal rated current	A	10	10	10	10	10	10	10	10
AC maximum volt-ampere making	VA	7200	7200	7200	7200	7200	7200	7200	7200
AC maximum volt-ampere breaking	VA	720	720	720	720	720	720	720	720
NEMA ratings, DC		P600	P600	P600	P600	P600	P600	P600	P600
DC rated voltage	VDC	600	600	600	600	600	600	600	600
DC thermal rated current	A	5	5	5	5	5	5	5	5
DC maximum make-break	VA	138	138	138	138	138	138	138	138
Torque: Wire tightening	lb. in.	7	7	7	7	7	7	7	7
Wire range	AWG	#22 – #14	#22 – #14	#22 – #14	#22 – #14	#22 – #14	#22 – #14	#22 – #14	#22 – #14

① UL Listed switches are also CSA Approved.  
 ② UL98 overload test, 50 operations, pf 0.40 – 0.50 at 2x FLA.  
 ③ Multi-tap lug available, please see pg. 17.24.  
 ④ Fuse size 70A for RK5  
 ⑤ IEC rated only.