

Technical data

OT200U03 – OETL-NF3150

UL & CSA

Disconnect
switches
Non-fusible

UL & CSA

Catalog number	3 pole	OT200U03	OT400U03	OT600U03	OETL-NF800A	OETL-NF1200	OETL-NF1600	OETL-NF2000	OETL-NF3150 [®]
Approvals ^①	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
General purpose amp rating pf = 0.7 – 0.8	-40° to 40°C A	200	400	600	800	1200	1600	2000	3150
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									
240V	HP/A	75/192.0	125/312.0	200/480.0	250/602.0	—	—	—	—
480V	HP/A	150/180.0	250/302.0	400/515	500/590.0	—	—	—	—
600V	HP/A	200/192.0	350/336.0	500/472.0	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/—	—	—	—	—	—
Fuse type RK1	kA	—	—	—	—	—	—	—	—
Fuse type RK5	kA	—	—	100	—	—	—	—	—
Fuse type L	kA	—	—	100/—	100	100	100	100	—
Fuse type H	kA	—	—	—/100	—	—	—	—	—
Maximum fuse size	A	350	600	600/800	1200	1200	2000	2000	—
3 cycle short circuit current withstand rating ^②	kA	15	30	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	20,000	20,000	10,000	10,000	10,000	6000	6000	6000
Physical characteristics									
Weight, switches	3 pole lb 4 pole lb	2.9 3.5	5.7 6.8	11.4 14.3	35.9 45.15	38.55 49.56	127.7 149.7	127.7 149.7	127.7 149.7
Dimension, switches	3 pole H in W in D in	5.9 6.7 2.8	6.9 8.7 3.4	10 10.64 5.56	14.65 14.25 4.92	14.65 14.25 4.92	21.5 18.11 10.67	21.5 18.11 10.67	21.5 18.11 10.67
Shaft set screw tightening torque	lb. in.	14-17.7	—	—	—	—	—	—	—
Shaft size — square □	in mm	.24 x .24 6 x 6	.47 x .47 12 x 12	.47 x .47 12 x 12	.47 x .47 12 x 12	.47 x .47 12 x 12	.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.	62	142	184	184	184	438	438	438
Terminal lug kits									
Wire range	AWG	#4-300kcmil ^③	#2-600kcmil ^③	(2)#2-600kcmil ^③	(2)#2-600kcmil ^③	(4)#2-600kcmil	(4)#2-600kcmil	(8)#2-600kcmil	(8)#2-600kcmil
Torque:									
Wire tightening	lb. in.	200	375	375	375	375	375	375	375
Lug mounting	lb. in.	72	240	240	230	230	230	230	230
Auxiliary contacts									
NEMA ratings, AC		OA_G_	OA_G_	OA_G_	OZK-__	OZK-__	OZK-__	OZK-__	OZK-__
AC rated voltage	VAC	A600	A600	A600	A600	A600	A600	A600	A600
AC thermal rated current	A	600	600	600	600	600	600	600	600
AC maximum volt-ampere making	VA	10	10	10	10	10	10	10	10
AC maximum volt-ampere breaking	VA	7200	7200	7200	7200	7200	7200	7200	7200
NEMA ratings, DC		OA_G_	OA_G_	OA_G_	OZK-__	OZK-__	OZK-__	OZK-__	OZK-__
DC rated voltage	VDC	P600	P600	P600	P600	P600	P600	P600	P600
DC thermal rated current	A	600	600	600	600	600	600	600	600
DC maximum make-break	VA	5	5	5	5	5	5	5	5
Torque: Wire tightening	lb. in.	138	138	138	138	138	138	138	138
Wire range	AWG	7	7	7	7	7	7	7	7
		#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. 18.24 and 18.27.

④ Fuse size 70A for RK5

⑤ IEC rated only.

⑥ When protected by any Listed fuse or Listed circuit breaker whose current rating does not exceed the maximum thermal current rating of the switch.