

Technical data

Enclosed heavy duty fusible safety switches

Technical data according to UL98, UL50, UL4248-1, NEMA KS1 and CSA standards

			Catalog number		
UL file: E314773, CSA: LR58077			A	EOH_61 30	EOH_62 60
General purpose current rating			A	30	60
Max. horse power rating	Single phase	240 V	HP	3	10
		480 V	HP	7.5	20
		600 V	HP	10	25
Max. horse power rating	Three phase	240 V	HP	7.5	15
		480 V	HP	15	30
		600 V	HP	20	50
Standard horse power rating	Single phase	240 V	HP	1.5	3
		480 V	HP	3	5
		600 V	HP	3	10
Standard horse power rating	Three phase	240 V	HP	3	7.5
		480 V	HP	5	15
		600 V	HP	7.5	15
Max. motor FLA current	Single phase	240 V	A	17	50
		480 V	A	21	44
		600 V	A	20	44
Max. motor FLA current	Three phase	240 V	A	22	42
		480 V	A	21	40
		600 V	A	22	52
Short circuit rating	Class R fuses	480 V	kA	200	200
	Class J fuses	480 V	kA	200	200
	Class T fuses	480 V	kA	200	200
	Class L fuses	480 V	kA		
Short circuit rating	Class R fuses	600 V	kA	200	200
	Class J fuses	600 V	kA	200	200
	Class T fuses	600 V	kA	200	200
	Class L fuses	600 V	kA		
Maximum fuse size			A	30	60
Standard fuse clips				R, H, K	R, H, K
Fuse conversion kits				J	J, T
Electrical endurance	Power factor	0.75..0.8	op. cycles	8 000	8 000
Mechanical endurance			operations	15000	15000
Cabling					
Terminal lug	Line terminals			OZXA-100	OZXA-100
Torque: wire tightening	Line terminals	For Cu and Al cables	lbs.in.	35 (#14 - 10)	45 (#6 - 4)
Torque: wire tightening	Line terminals	For Cu and Al cables	lbs.in.	40 (#8), 45 (#6)	50 (#2)
Lug mounting torque	Line terminals		lbs.in.	132	132
Wire range	Line terminals			#14 - 6	#14 - 2
Terminal lug	Load terminals			OZXA-100	OZXA-100
Torque: wire tightening	Load terminals	For Cu and Al cables	lbs.in.	35 (#14 - 10)	45 (#6 - 4)
Torque: wire tightening	Load terminals	For Cu and Al cables	lbs.in.	40 (#8), 45 (#6)	50 (#2)
Lug mounting torque	Load terminals		lbs.in.	132	132
Wire range	Load terminals			#14 - 6	#14 - 2

¹⁾ 600V 200kA rating available. See page 16 for additional information.

EOH_63 100	EOH_64 200	EOH_65 400	EOH_66 600	EOH_67 800	EOH_68 1200
100	200	400	600	800	1200
15	15				
30	50				
40	50				
30	60	125	200	250	250
60	125	250	400	500	500
75	150	350	500	500	500
7.5	15				
10	25				
15	30				
15	25	50	75	100	100
25	50	100	150	200	200
30	60	125	200	250	250
68	68				
68	108				
70	86				
80	164	312	480	600	600
77	156	302	477	590	590
77	144	336	472	472	472
200	200	200	200		
200	200	200	200		
200	200	200	200		
				200	200
200	200	100 ¹⁾	200		
200	200	200	200		
200	200	200	200		
				200	200
100	200	400	600	800	1200
R, H, K	R, H, K	R, H, K	R, H, K	L	L
J, T	J, T	J, T	J		
7 000	6 000	1500	1200	600	600
14000	12000	7500	6000	3500	2500

OZXA-100	OZXA-400	OZXA-800	OZXA-800	OZXA-1200	OZXA-1200E
50 (#3 - 2/0)	375	500	500	500	620
50 (#3 - 2/0)	375	500	500	500	620
132	228	480	480	443	319
#14 - 2/0	#2 - 250 kcmil	(2) #2 - 500 kcmil	(2) #2 - 600 kcmil	(4) #2 - 500 kcmil	(6) #2 - 500 kcmil
OZXA-100	OZXA-400	OZXA-800E	OZXA-800	OZXA-1200	OZXA-1200
50 (#3 - 2/0)	375	500	500	500	500
50 (#3 - 2/0)	375	500	500	500	500
132	72	480	480	443	319
#14 - 2/0	#2 - 250 kcmil	(2) #2 - 500 kcmil	(2) #2 - 600 kcmil	(4) #2 - 500 kcmil	(4) #2 - 500 kcmil

Technical data

Enclosed heavy duty non-fusible safety switches

Technical data according to UL98, UL50, NEMA KS1 and CSA standards

			A	Catalog number	
				EOHU_61 30	EOHU_62 60
UL file: E314773, CSA: LR58077			A	30	60
General purpose current rating			A	30	60
Max. horse power rating	Single phase	240 V	HP	5	10
		480 V	HP	10	25
		600 V	HP	20	30
Max. horse power rating	Three phase	240 V	HP	10	20
		480 V	HP	20	50
		600 V	HP	30	60
Max. motor FLA current	Single phase	240 V	A	28	50
		480 V	A	26	55
		600 V	A	25	54
Max. motor FLA current	Three phase	240 V	A	28	54
		480 V	A	27	65
		600 V	A	32	62
Short circuit rating	Class R fuses	480 V	kA	200	200
	Class J fuses	480 V	kA	200	200
	Class T fuses	480 V	kA	200	200
	Class L fuses	480 V	kA		
Short circuit rating	Class R fuses	600 V	kA	200	200
	Class J fuses	600 V	kA	200	200
	Class T fuses	600 V	kA	200	200
	Class L fuses	600 V	kA		
Min. electrical endurance	Power factor	0.75..0.8	op. cycles	8 000	8 000
Mechanical endurance			operations	20 000	20 000

Cabling

Terminal lug	Line terminals			OZXA-100	OZXA-100
Torque: wire tightening	Line terminals	For Cu and Al cables	lbs.in.	35 (#14 - 10)	35 (#14 - 10), 40 (#8)
Torque: wire tightening	Line terminals	For Cu and Al cables	lbs.in.	40 (#8)	45 (#6 - 4), 50 (#3)
Lug mounting torque	Line terminals		lbs.in.	132	132
Wire range	Line terminals			#14 - 8	#14 - 3
Terminal lug	Load terminals			OZXA-100	OZXA-100
Torque: wire tightening	Load terminals	For Cu and Al cables	lbs.in.	35 (#14 - 10)	35 (#14 - 10), 40 (#8)
Torque: wire tightening	Load terminals	For Cu and Al cables	lbs.in.	40 (#8)	45 (#6 - 4), 50 (#3 - 1)
Lug mounting torque	Load terminals		lbs.in.	132	132
Wire range	Load terminals			#14 - 8	#14 - 1

¹⁾ 600V 200kA rating available. See page 16 for additional information.

EOHU_63 100	EOHU_64 200	EOHU_65 400	EOHU_66 600	EOHU_67 800	EOHU_68 1200
100	200	400	600	800	1200
20	40				
40	50				
50	50				
40	60	125	200	250	250
75	125	250	400	500	500
100	150	350	500	500	500
88	176				
88	108				
86	86				
104	192	360	480	600	600
96	156	302	477	590	590
99	144	336	472	472	472
200	200	200	200		
200	200	200	200		
200	200	200	200	200	200
200	200	100 ¹⁾	200		
200	200	200	200		
200	200	200	200	200	200
7 000	6 000	6 000	1200	600	600
20 000	20 000	16 000	10 000	6 000	6 000

OZXA-100	OZXA-400	OZXA-800	OZXA-800	OZXA-1200	OZXA-1200E
50 (#3-1)	375	500	500	500	620
50 (#3-1)	375	500	500	500	620
132	228	480	480	443	319
#14 - 1	#2 - 250 kcmil	(2) #2 - 500 kcmil	(2) #2 - 600 kcmil	(4) #2 - 500 kcmil	(6) #2 - 500 kcmil
OZXA-100	OZXA-400	OZXA-800	OZXA-800	OZXA-1200	OZXA-1200E
50 (#3-1)	375	500	500	500	620
50 (#3-1)	375	500	500	500	620
132	228	480	480	443	319
#14 - 1	#2 - 250 kcmil	(2) #2 - 500 kcmil	(2) #2 - 600 kcmil	(4) #2 - 500 kcmil	(6) #2 - 500 kcmil