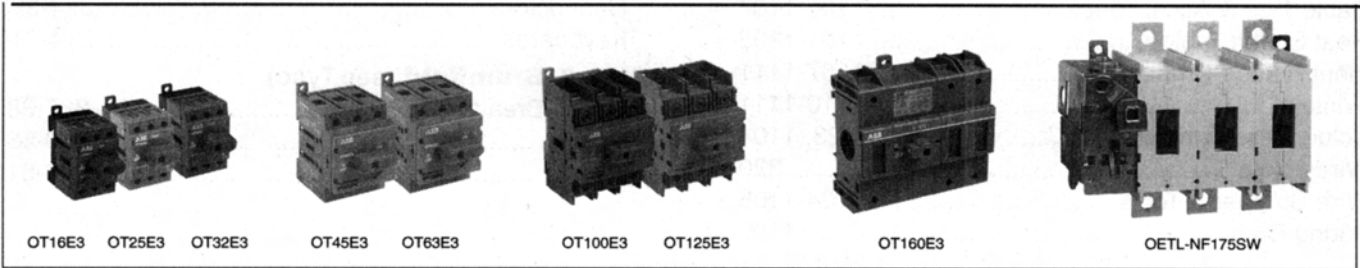
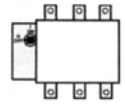


Overview for Non-fusible disconnect switches OT16E3 – OETL-NF175

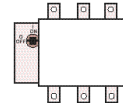


Catalog number	3 pole	OT16E3	OT25E3	OT32E3	OT45E3	OT63E3	OT100E3	OT125E3	OT160E3	OETL-NF175
General purpose amp rating	A	16	25	30	40	60	80	100	125	175
Catalog reference	Page #	1.13	1.13	1.13	1.13	1.13	1.13	1.13	1.23	1.27
Approvals ¹										
	2 pole	N/A	N/A	N/A	N/A	N/A	N/A	N/A	UL98 & IEC	UL508 & IEC
	3 pole	UL508 & IEC	UL508 & IEC	UL508 & IEC	UL508 & IEC	UL508 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	UL508 & IEC
	4 pole	UL508 & IEC	UL508 & IEC	UL508 & IEC	UL508 & IEC	UL508 & IEC	UL98 & IEC	UL98 & IEC	UL98 & IEC	IEC
Technical ratings										
UL, CSA²										
Max operating voltage	V	600	600	600	600	600	600	600	600	600
Max horsepower rating										
Three phase										
200 – 208V	HP	2	3	5	10	10	15	20	30	30
240V	HP	2	3	5	10	10	15	20	30	40
480V	HP	7.5	7.5	10	20	20	30	40	60	75
600V	HP	7.5	10	15	20	20	30	40	75	100
Single phase										
120V	HP	1/2	3/4	1	2	2	3	5	7.5	—
240V	HP	1.5	2	3	5	5	7.5	10	20	—
Technical ratings IEC²										
Rated insulation and operational voltage, AC20 and DC20 ³	V	750	750	750	750	750	750	750	750	1000
Rated thermal current, I _{th}										
AC 20/DC 20 open	A	25	32	40	50	63	115	125	200	200
AC 20/DC 20 enclosed	A	25	32	40	50	63	115	125	160	200
AC 21A ≤500V	A	16	25	32	45	63	100	125	160 ³	200
≤690V A	16	25	32	45	63	100	125	160 ³	200	
Rated operational power AC23										
400/415V	kW	7.5	9	11	15	18.5	37	45	75	90
690V	kW	7.5	9	11	15	15	37	45	75	170
Physical characteristics										
Weight 4 3 pole	lb	0.24	0.24	0.59	0.59	0.79	0.79	2.42	6.61	
Dimension 3 pole	H in	2.68	2.68	2.68	3.60	3.60	3.94	3.94	5.00	8.35
	W in	1.38	1.38	1.38	2.07	2.07	2.76	2.76	4.96	7.83
	D in	2.20	2.20	2.20	2.85	2.85	2.95	2.95	2.93	4.55
Accessories										
Terminal lug kit		Integral	Integral	Integral	Integral	Integral	Integral	Integral	Integral	OZXA-25
Terminal shroud		•	•	•	•	•	•	•	•	•
Auxiliary contact		•	•	•	•	•	•	•	•	•
Handle UL/NEMA type		•	•	•	•	•	•	•	•	•
Type 1, 3R, 12		•	•	•	•	•	•	•	•	•
Type 1, 3R, 4, 4X, 12		•	•	•	•	•	•	•	•	•
Handle type		•	•	•	•	•	•	•	•	•
Selector		•	•	•	•	•	•	•	•	•
Pistol		•	•	•	•	•	•	•	•	•
Conversion kits		•	•	•	•	•	•	•	•	•
6 pole		•	•	•	•	•	•	•	•	•
Transfer		•	•	•	•	•	•	•	•	•
Bypass		•	•	•	•	•	•	•	•	•
Mechanical interlock		•	•	•	•	•	•	•	•	•

• = Available
— = Not available

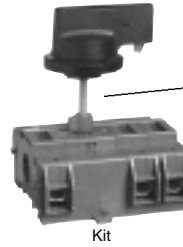
UL listed, CSA approved, IEC rated, CE marked

Kits for Non-fusible disconnect switches 16A – 3150A, 600V, 3 pole¹



2

- Each kit includes:
- 1 three pole¹ switch
 - 1 handle
 - 1 shaft
 - 1 terminal lug kit



- handle
- shaft²
- switch
- terminal lug kit³

Kits with base & DIN rail mounted switches and selector handles

UL general purpose amp rating	IEC AC21 amp rating	Maximum horsepower rating						Kit catalog number
		Single phase		Three phase				
		120V	240V	200V – 208V	240V	480V	600V	
16	16	1/2	1.5	2	2	7.5	7.5	OT16E3S OT25E3S OT32E3S OT45E3S
25	25	3/4	2	3	3	7.5	10	
30	32	1	3	5	5	10	15	
40	45	2	5	10	10	20	20	
60	63	2	5	10	10	20	20	OT63E3S OT100E3S
80	100	3	7.5	15	15	30	30	
100	125	5	10	20	20	40	40	OT125E3S

Kits with base and/or DIN rail mounted switches and pistol handles

UL general purpose amp rating	IEC AC21 amp rating	Maximum horsepower rating						Kit catalog number
		Single phase		Three phase				
		120V	240V	200V – 208V	240V	480V	600V	
16	16	1/2	1.5	2	2	7.5	7.5	OT16E3P OT25E3P OT32E3P OT45E3P
25	25	3/4	2	3	3	7.5	10	
30	32	1	3	5	5	10	15	
40	45	2	5	10	10	20	20	
60	63	2	5	10	10	20	20	OT63E3P OT100E3P
80	100	3	7.5	15	15	30	30	
100	125	5	10	20	20	40	40	OT125E3P OT160E3P
125	160	7	20	30	30	60	75	
175	200	—	—	30	40	75	100	OETL-NF175 OETL-NF200A
200	250	—	—	60	75	150	200	
400	630	—	—	100	125	250	350	OETL-NF400 OETL-NF600A
600	800	—	—	150	200	400	500	
800	1250	—	—	200	250	500	600	OETL-NF800A OETL-NF1200
1200	1600	—	—	—	—	—	—	
1600	2500	—	—	—	—	—	—	OETL-NF1600 OETL-NF2000 OETL-NF3150
2000	2500	—	—	—	—	—	—	
—	3150	—	—	—	—	—	—	

Kits with door mounted switches

UL general purpose amp rating	IEC AC21 amp rating	Maximum horsepower rating						Kit catalog number
		Single phase		Three phase				
		120V	240V	200V – 208V	240V	480V	600V	
16	16	1/2	1.5	2	2	7.5	7.5	
25	25	3/4	2	3	3	7.5	10	
30	32	1	3	5	5	10	15	
40	45	2	5	10	10	20	20	
60	63	2	5	10	10	20	20	
80	100	3	7.5	15	15	30	30	
100	125	5	10	20	20	40	40	
125	160	7	20	30	30	60	75	