

**Disconnect  
switches  
Non-fusible**

## General information

### Selection guide

### OT16F3 – OT160E3



OT16F3 OT25F3 OT40F3



OT63F3 OT80F3



OT30F3 OT60F3 OT100F3



OT160E3

Catalog number	3 pole	OT16F3	OT25F3	OT40F3	OT63F3	OT80F3	OT30F3	OT60F3	OT100F3	OT160E3
<b>General purpose amp rating</b>	<b>A</b>	<b>16</b>	<b>25</b>	<b>40</b>	<b>60</b>	<b>80</b>	<b>30</b>	<b>60</b>	<b>100</b>	<b>125</b>
Approvals ①										
	2 pole	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	UL98
	3 pole	UL508	UL508	UL508	UL508	UL508	UL98	UL98	UL98	UL98
	4 pole	UL508	UL508	UL508	UL508	UL508	UL98	UL98	UL98	UL98
<b>Technical ratings – UL, CSA ②</b>										
Max operating voltage	V	600	600	600	600	600	600	600	600	600
Max horsepower rating										
Three phase										
240V	HP	5	7.5	10	15	20	10	20	30	40
480V	HP	10	15	20	30	40	20	40	50	75
600V	HP	10	20	25	30	40	30	40	50	100
Single phase										
120V	HP	1	1.5	2	2	2	2	3	5	7.5
240V	HP	2	3	5	5	5	5	7.5	15	20
<b>Technical ratings – IEC ②</b>										
Rated insulation and operational voltage. AC20 and DC20	V	750	750	750	750	750	750	750	750	750
Rated thermal current, I <sub>m</sub>										
AC 20/DC 20 open	A	25	32	40	63	80	40	63	115	200
AC 20/DC 20 enclosed	A	25	32	40	63	80	40	63	115	160
AC 21A ≤500V	A	16	25	32	63	80	40	63	100	160
≤690V	A	16	25	32	63	80	40	63	100	160
Rated operational power AC23										
400/415V	kW	7.5	9	11	22	37	15	18.5	37	75
690V	kW	7.5	9	11	15	18.5	15	15	37	75
<b>Physical characteristics</b>										
Weight ③	3 pole	lb	0.24	0.24	0.24	0.59	0.59	0.79	0.79	2.42
Dimension	3 pole									
	H	in	2.68	2.68	2.68	3.60	3.60	3.94	3.94	5.00
	W	in	1.38	1.38	1.38	2.07	2.07	2.76	2.76	4.96
	D	in	2.20	2.20	2.20	2.85	2.85	2.95	2.95	2.93
<b>Accessories</b>										
Terminal lug kit		Integral	Integral	Integral	Integral	Integral	Integral	Integral	Integral	Integral
Terminal shroud		•	•	•	•	•	•	•	•	—
Auxiliary contact		•	•	•	•	•	•	•	•	•
Shaft/handle diameter		6mm .24" x .24"	6mm .24" x .24"	6mm .24" x .24"	6mm .24" x .24"	6mm .24" x .24"	6mm .24" x .24"	6mm .24" x .24"	6mm .24" x .24"	6mm .24" x .24"
Handle UL/NEMA type										
Type 1, 3R, 12		•	•	•	•	•	•	•	•	•
Type 1, 3R, 4, 4X, 12		•	•	•	•	•	•	•	•	•
Handle type										
Selector		•	•	•	•	•	—	—	—	—
Pistol		•	•	•	•	•	•	•	•	•
Recommended pistol handle length		45 - 65mm	45 - 65mm	45 - 65mm	45 - 65mm	45 - 65mm	45 - 65mm	45 - 65mm	45 - 65mm	65 - 80mm
Maximum recommended shaft length		290mm	290mm	290mm	290mm	290mm	290mm	290mm	290mm	290mm
Conversion kits										
6 pole		•	•	•	•	•	•	•	•	•
Transfer		•	•	•	•	•	•	•	•	•
Bypass		•	•	•	•	•	•	•	•	•
Mechanical interlock		•	•	•	•	•	•	•	•	•
Electrical interlock		—	—	—	—	—	—	—	—	—

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• = Available  
— = Not available

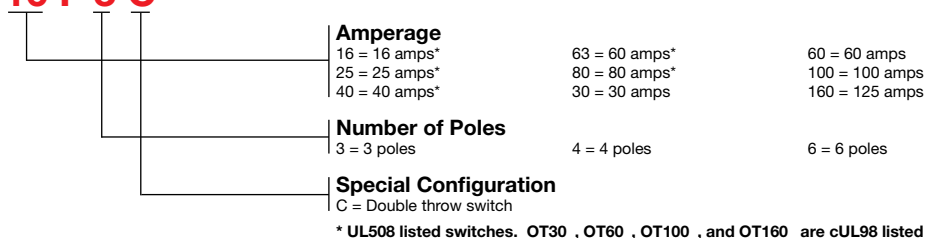
① UL listed switches are also CSA approved.  
② For complete technical information please see page 18.38 – 18.70.  
③ Switch only.

## Selection information

### Standard part number designation ①

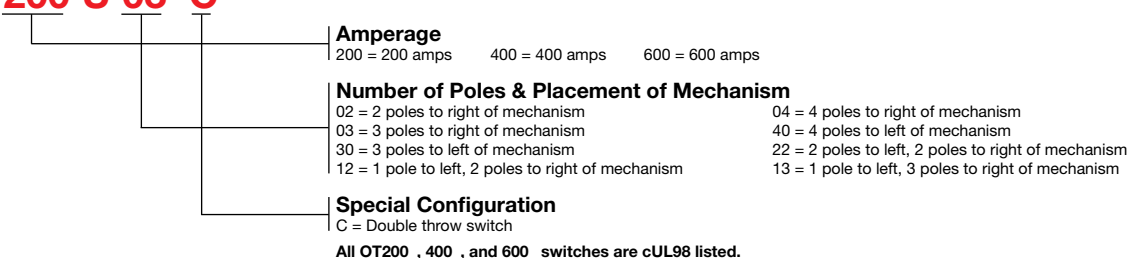
#### Non-Fusible OT Switches (16 to 125A)

**OT 16 F 3 C**



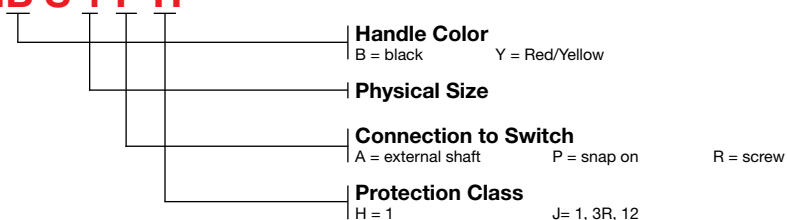
#### Non-Fusible OT Switches (200A and above)

**OT 200 U 03 C**



#### Selector Handles

**OHB S 1 P H**



#### Pistol Handles

**O H B 65 J 6 E011**



① Part designation keys are provided for reference only. Not all variations or configurations are available.

## Base & DIN rail mounted ① 16A - 3150A

**Disconnect  
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For a complete assembly,  
please select one of each:

- 1 switch (pg. 18.5)
- 1 handle (pg. 18.6)
- 1 shaft (pg. 18.7)
- 1 terminal lug kit (pg. 18.9)

(Lug kits only necessary on switches 200A and above)



OT200U03



OXP6X210



OHB80J6



OZXA-200

	UL general purpose amp rating	IEC AC21 amp rating	2 Pole		3 Pole		4 Pole ②		6 Pole ③	
			Catalog number	List price	Catalog number	List price	Catalog number	List price	Catalog number	List price
UL 508	16	16	—	—	OT16F3	<b>\$ 66</b>	—	—	OT16F6	<b>\$ 192</b>
	25	25	—	—	OT25F3	<b>72</b>	—	—	OT25F6	<b>204</b>
	40	40	—	—	OT40F3	<b>76</b>	—	—	OT40F6	<b>212</b>
	60	63	—	—	OT63F3	<b>100</b>	—	—	OT63F6	<b>260</b>
	80	80	—	—	OT80F3	<b>120</b>	—	—	OT80F6	<b>300</b>
UL 98	30	40	—	—	OT30F3	<b>150</b>	—	—	OT30F6	<b>360</b>
	60	63	—	—	OT60F3	<b>175</b>	—	—	OT60F6	<b>410</b>
	100	115	—	—	OT100F3	<b>200</b>	—	—	OT100F6	<b>460</b>
	125	160	—	—	OT160E3	<b>420</b>	—	—	—	—
	200	250	OT200U02	<b>\$ 560</b>	OT200U03	<b>620</b>	OT200U04	<b>\$ 780</b>	—	—
					OT200U30	<b>620</b>	OT200U40	<b>780</b>	—	—
					OT200U12	<b>620</b>	OT200U22	<b>780</b>	—	—
	400	630	OT400U02	<b>1,280</b>	OT400U03	<b>1,420</b>	OT400U04	<b>1,800</b>	—	—
					OT400U30	<b>1,420</b>	OT400U40	<b>1,800</b>	—	—
					OT400U12	<b>1,420</b>	OT400U22	<b>1,800</b>	—	—
	600	800	OT600U02	<b>2,000</b>	OT600U03	<b>2,200</b>	OT600U04	<b>2,800</b>	—	—
					OT600U30	<b>2,200</b>	OT600U40	<b>2,800</b>	—	—
					OT600U12	<b>2,200</b>	OT600U22	<b>2,800</b>	—	—
	800	1250	OETL-NF800A2SW	<b>2,600</b>	OETL-NF800ASW	<b>4,200</b>	OETL-NF800A4SW	<b>5,200</b>	—	—
	1200	1600	OETL-NF12002SW	<b>6,200</b>	OETL-NF1200SW	<b>6,800</b>	OETL-NF12004SW	<b>8,600</b>	—	—
1600	2500 ④	OETL-NF16002SW	<b>14,800</b>	OETL-NF1600SW	<b>16,400</b>	OETL-NF16004SW	<b>20,500</b>	—	—	
2000	2500 ④	OETL-NF20002SW	<b>15,500</b>	OETL-NF2000SW	<b>17,200</b>	OETL-NF20004SW	<b>21,500</b>	—	—	
-	3150 ④	OETL-NF31502SW	<b>17,000</b>	OETL-NF3150SW	<b>18,900</b>	OETL-NF31504SW	<b>23,600</b>	—	—	

### Bulk packed 3 Pole, 600V Switches

	UL general purpose amp rating	IEC AC21 amp rating	Bulk pack Quantity	Catalog number	List price
UL508	16	16	50	OT16F3/B	<b>Consult factory</b>
	25	25	50	OT25F3/B	
	40	40	50	OT40F3/B	
	60	63	50	OT63F3/B	
	80	80	50	OT80F3/B	
UL98	30	40	25	OT30F3/B	<b>Consult factory</b>
	60	63	25	OT60F3/B	
	100	115	25	OT100F3/B	
	125	160	10	OT160E3/B	

① Above 125A, base mount with screws only.

② A snap on fourth pole may be added on 16-125A switches. Reference pg. 18.9.

③ For a 6 or 8 pole switch 200 amp and above, a conversion mechanism accessory kit can be used with two 3 or 4 pole switches. Reference pg. 18.10.

④ Vertical busbar provided as standard on OETL-NF1600-OETL-NF3150 switches. For alternate back or edgewise mounting busbar, reference pg. 18.10.