

# Disconnect Switches

## Cable Operated Flange Configurations; 30-200A

**ABB Low Voltage Products and Systems is pleased to introduce the new line of cable operated flange handles, cables and mechanisms compatible with 3 pole 30-200A OT/OS Disconnect Switches.**

### New Flange Cable Operated Range

OT30-200 Non-fusible disconnect switches  
OS30-200 Fusible disconnect switches

- Modern design
- 2 Handle types
  - NEMA 1, 3R, 12 - Gray painted
  - NEMA 4/4X - Nickel coated
- 5 Cable lengths
  - Mounting flexibility
  - 36" to 84" cables for disconnect switches
- Merchandised component part structure, a complete assembly will require ordering:
  - 1 switch, 1 mechanism, 1 handle,
  - 1 cable, 1 lug kit (where applicable)



NEMA 1, 3R, 12 OHF1C12

### Fusible

UL general purpose amp rating	UL Fuse type 600V	Maximum horsepower rating					Catalog number
		Three phase					
		200V	208V	240V	480V	600V	
30	J	5	7.5	7.5	15	20	OS30AJ12
30	CC	5	7.5	7.5	15	20	OS30ACC12
60	J	15	15	15	30	50	OS60J12
100	J	25	25	30	60	75	OS100AJ30
200	J	50	50	60	125	150	OS200J30

### Non-Fusible

UL general purpose amp rating	Maximum horsepower rating					Catalog number
	Three phase					
	200V	208V	240V	480V	600V	
30	10	10	10	20	30	OT30E3
60	20	20	20	40	40	OT60E3
100	25	25	30	50	50	OT100E3
125	30	30	40	75	100	OT160E3
200	60	60	75	150	200	OT200U30

### NFPA79 Compliance

ABB's flange operated fusible and non-fusible disconnects provide a solution for NFPA79 requirements for industrial machinery operating handles.

The 2002 NFPA79 changes require main disconnecting means to be operable without the use of accessory tools or devices, independent of door position. The code also includes an interlocking provision to prevent the closing of disconnects while the enclosure door is open, unless an interlock is operated by deliberate action.

### Flange Handles – UL98; UL file # E101914

For use with	Environmental rating	Catalog number
OT30-160E3 OT200U30 OS30_12 OS60J12	NEMA 1, 3R, 12	OHF1C12
OS100AJ30 OS200J30	NEMA 4, 4X	OHF1C4

### Flexible Cables

For use with	Cable length	Catalog number
OT30-OT160E3	36	OXC1L36
OT200U30	48	OXC1L48
OS30_12 OS60J12	60	OXC1L60
OS100AJ30	72	OXC1L72
OS200J30	84	OXC1L84

### Operating Mechanisms

For use with	Catalog number
OT30-100E3	MKCS1
OS30AJ12, OS30ACC12	MKCS2
OS60J12, OT160E3	MKCS3
OS100AJ30, OS200J30, OT200U30	MKCS4



## Terminal Lugs Kits

For use with	Wire size	Wire type	Description	Lugs/kit	Catalog number
OT30-60E3	#14-4	Cu	—	—	INTEGRAL
OT100-160E3	#8-1/0	Cu	—	—	INTEGRAL
OS30_12	#18-8/0	Cu	—	—	INTEGRAL
OS60J12	#14-4	Cu	—	—	INTEGRAL
OT200U30,	#4-300 Kcmil	Cu/AL	—	6	OZXA-200
OS100AJ30,	#4-300 Kcmil	Cu/AL	—	3	OZXA-200/3
OS200J30	(6) #4-6 AWG	Cu/AL	Distribution lug	3	OZXA-206

## Door Hardware

Item	Catalog number
Safety door latch 2 point, door less than 40" high	KDH2R
Safety door latch 3 point, door less than 40" high	KDH3R



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