

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	Max. HP rating			Catalog number
		Three phase			
		240V	480V	600V	
30	J	7.5	15	20	OS30FAJ12
30	CC	7.5	15	20	OS30FACC12
60	J	15	30	50	OS60J12
100	J	30	60	75	OS100AJ30
200	J	60	125	150	OS200J30

Non-Fusible

UL general purpose amp rating	Max. HP rating			Catalog number
	Three phase			
	240V	480V	600V	
30	10	20	30	OT30F3
60	20	40	40	OT60F3
100	30	50	50	OT100F3
125	40	75	100	OT160E3
200	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
OT30-100F3, OT160E3 OT200U30	NEMA 1, 3R, 12	OHF1C12
OS30FAJ12, OS30FACC12 OS60J12 OS100AJ30 OS200J30		
	NEMA 4, 4X	OHF1C4

Flexible Cables

For use with	Cable length	Catalog number
OT30-100F3, OT160E3 OT200U30	36	OXC1L36
OS30FAJ12, OS30FACC12 OS60J12 OS100AJ30 OS200J30	48	OXC1L48
	60	OXC1L60
	72	OXC1L72
	84	OXC1L84

Operating Mechanisms

For use with	Catalog number
OT30-100F3	MKCS1
OS30FAJ12, OS30FACC12	MKCS2
OS60J12, OT160E3	MKCS3
OS100AJ30, OS200J30, OT200U30	MKCS4



Terminal Lugs Kits

For use with	Wire size	Wire type	Description	Lugs/kit	Catalog number
OT30-60F3	#14-4	Cu	—	—	INTEGRAL
OT100F3, OT160E3	#8-1/0	Cu	—	—	INTEGRAL
OS30FAJ12, OS30FACC12	#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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