ABB

Fusible disconnect switches
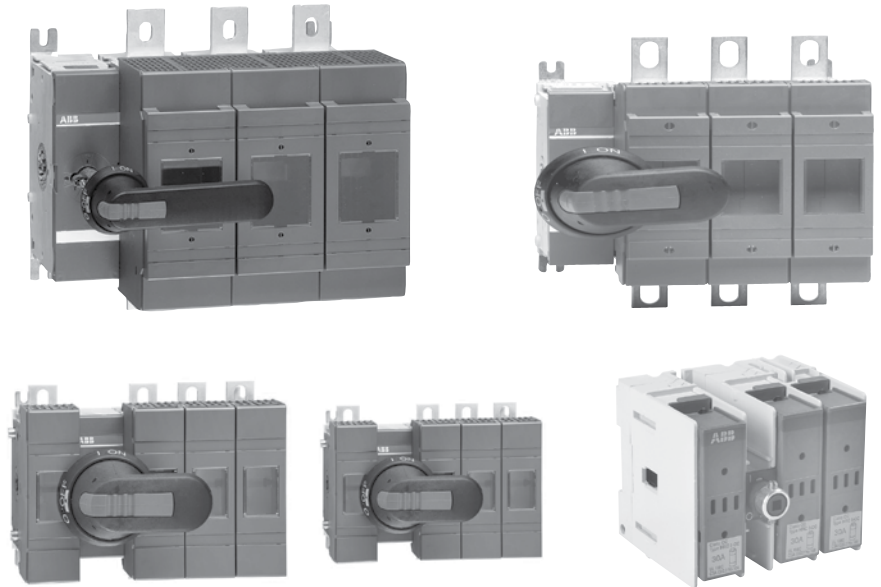### 30A – 1200A, 600VAC

ABB PowerLine includes seven different amperage sizes from 30A to 1200A. All ABB fusible switches are designed to meet customer requirements in terms of high interrupting capacity and long electrical life while occupying little more panel space than the appropriate fuses. The basic construction provides flexibility and high performance in an extremely compact size. ABB PowerLine switches are a perfect choice to withstand the heat and humidity of the tropics, the extreme cold of the arctic and any rugged industrial environment you may have.

International acceptance

ABB fusible switches are available with a wide range of fuse clip options:

UL	USA	CSA	Canada
DIN	Europe	BS	United Kingdom
NFC	France	Ultra-rapid	

As well as the corresponding approvals: UL listed, CSA approved, IEC rated, CE marked, and most other international standards.

UL98 (CSA 22.2 No.4) — UL File # E101914, CSA File #LR58077
For 30A – 1200A switches, OH__ pistol grip handles

Suitable for use as motor disconnects or industrial control panel disconnects on service entrance equipment, panelboards, switchboards, industrial control equipment, motor control centers, etc. and are horsepower rated and ampere rated.

IEC
Tested in accordance to IEC 947-1 and 3, IEC 664, IEC 269, and IEC 204

CE
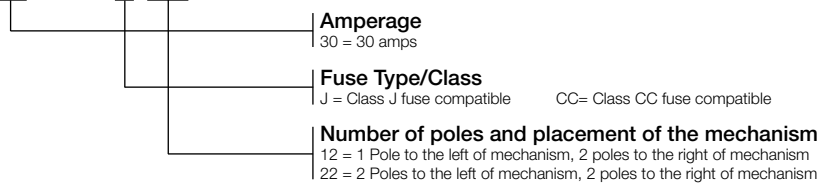Compliance with the European Machine Directive IEC 204 (EN 60204)

19

Fusible Disconnect switches

Selection information

Standard part number designation ①

Fusible OS Switches (30A)

OS 30 F A J 22 F

Amperage
30 = 30 amps

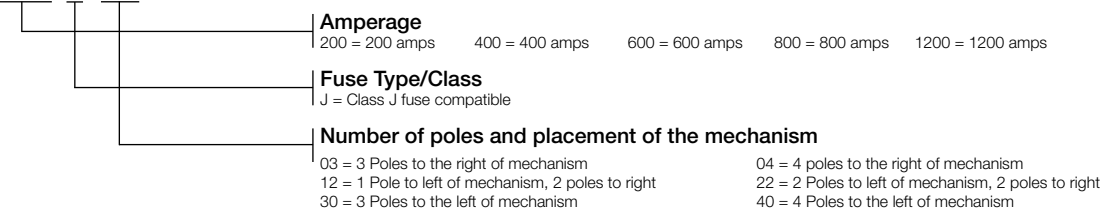**Fuse Type/Class**
J = Class J fuse compatible   CC= Class CC fuse compatible

Number of poles and placement of the mechanism
12 = 1 Pole to the left of mechanism, 2 poles to the right of mechanism
22 = 2 Poles to the left of mechanism, 2 poles to the right of mechanism

Fusible OS Switches (60 to 100A)

OS 100G J 03

Amperage
60 = 60 amps   100 = 100 amps

Fuse Type/Class
J = Class J fuse compatible

Number of poles and placement of the mechanism
03 = 3 Poles to the right of mechanism   04 = 4 poles to the right of mechanism
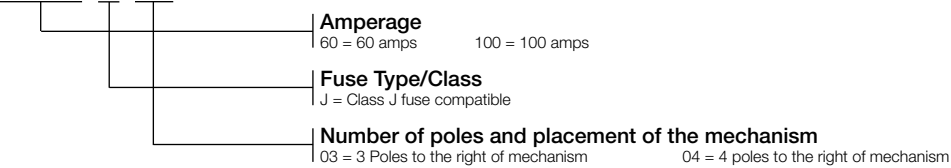
Fusible OS Switches (200A and above)

OS 200 J 04 F

Amperage
200 = 200 amps   400 = 400 amps   600 = 600 amps   800 = 800 amps   1200 = 1200 amps

Fuse Type/Class
J = Class J fuse compatible

Number of poles and placement of the mechanism
03 = 3 Poles to the right of mechanism   04 = 4 poles to the right of mechanism
12 = 1 Pole to left of mechanism, 2 poles to right   22 = 2 Poles to left of mechanism, 2 poles to right
30 = 3 Poles to the left of mechanism   40 = 4 Poles to the left of mechanism

Pistol Handles

O H B 65 J 6 E011

Handle Color
B = Black   Y = Red/Yellow   M = Stainless Steel

Handle Length
65 = 65mm   80 = 80mm   125 = 125mm   145 = 145m   175 = 175mm   274 = 274mm   275 = 275mm   330 = 330mm

Environmental Rating
J = 1, 3R, 12   L = 1, 3R, 12, 4, 4X

Shaft Diameter
6 = 6mm   12 = 12mm

Special Configuration
E011 = 3 position transfer switch handle
EH = Stainless Steel Hasp

① Part designation keys are provided for reference only. Not all variations or configurations are available.
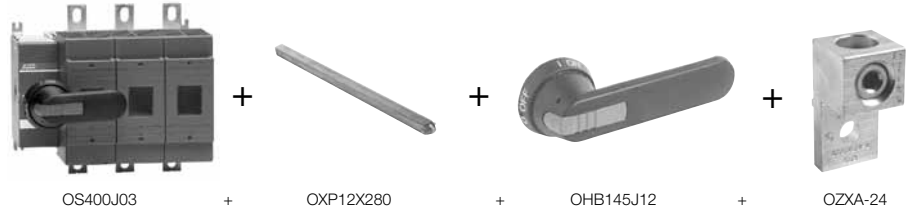
Base & DIN rail mounted
30 – 1200A

For a complete assembly, please select one of each:

- 1 switch (page 19.22)
- 1 handle (page 19.30)
- 1 shaft (page 19.32)
- 1 terminal lug kit (page 19.34)

NOTE: For additional accessories, see pages 19.29 - 19.42.

(Only required for 100A & above.)

OS400J03 + OXP12X280 + OHB145J12 + OZXA-24

OS30FAJ12

	UL general purpose amp rating	UL Fuse Type 600V	2 Pole	3 Pole	4 Pole
			Catalog number	Catalog number	Catalog number
UL 98	30	J CC ①	— —	OS30FAJ12 OS30FACC12	OS30FAJ22F OS30FACC22F
	60	J	—	OS60GJ12 ② OS60GJ03	OS60GJ22F
	100	J	—	OS100GJ12 ② OS100GJ03 ②	OS100GJ04F
	200	J	OS200J02	OS200J03 OS200J30 OS200J12	OS200J04F OS200J13F OS200J22F
	400	J	OS400J02	OS400J03 OS400J30 OS400J12	OS400J04F
	600	J	OS600J02	OS600J03 OS600J30 OS600J12	OS600J04F
	800	L	OS800L02	OS800L03	OS800L04F
	1200	L	OS1200L02	OS1200L03	OS1200L04F

19

① Rejection style fuses only.
② Din Rail Mountable: 60A & 100A requires Din Rail Adapter OSGZD1