

## Product No: OT160EV22P

### ABB SWITCH 160A 4P C/W HANDLE & SHAFT, BLACK, IP65 CENTRE MECHANISM OT160EV22P



#### General Information

Brand	ABB
Product Type	Fuse Switch - BS Type

#### Technical Attributes

Conventional Free-Air Thermal Current - I <sub>th</sub> (A)	Θ = 40 °C 200 A
Conventional Thermal Current - I <sub>the</sub> (A)	Fully Enclosed 160 A
Mechanical Durability	20000
No. of Poles	4
Operating Mechanism	Front Operated
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss (W)	at Rated Operating Conditions per Pole 3.2 W
Rated Conditional Short-Circuit Current - I <sub>nc</sub> (kA)	(315 A fuse, 500 V) 100 kA (355 A fuse, 690 V) 80 kA (250 A fuse, 690 V) 100 kA
Rated Impulse Withstand Voltage (kV)	12
Rated Insulation Voltage	acc. to IEC/EN 60664-1 1000 V
Rated Making Capacity AC-3	(690 V) 30 kA
Rated Operational Current AC-22A (A)	(380 ... 415 V) 200 A (500 V) 200 A (690 V) 160 A
Rated Operational Current AC-23A (A)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A

(690 V) 200 A  
(1000 V) 200 A

Rated Operational Power AC-23A (kW)	(220 ... 240 V) 48 kW (400 ... 415 V) 88 kW (500 V) 112 kW (690 V) 144 kW
Rated Operational Voltage AC (V)	Main Circuit 1000V
Rated Short-time Withstand Current Low Voltage - I <sub>cw</sub> (A)	for 1 s 8 kA
Terminal Type	Lug terminals
Tightening Torque (Nm)	acc. IEC 60947-1 15 ... 22 N·m

### Physical Attributes

Handle Colour	Black
Handle Type	Handle and shaft included
Lock Type	Yes

### Dimensions

Dimensions (mm)	150 * 185.5 * 82.5 [H*W*D]
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### Protection & Standards

Degree of Protection	Front IP00
Pollution Degree	3
Standards	IEC 60947-3