

**Product No: OT160G04P****ABB SWITCH-DISCONNECTOR 160A 4P OT160G04P****General Information**

Brand	ABB
Product Type	Fuse Switch - BS Type

**Technical Attributes**

Clamp Type	Screw Terminals
Conventional Free-Air Thermal Current - I <sub>th</sub> (A)	Θ = 40 °C 160 A
Conventional Thermal Current - I <sub>the</sub> (A)	Fully Enclosed 160 A
Mechanical Durability	20000
No. of Poles	4
Operating Mechanism	Front and side operated
Position of Line Terminals	Top In - Bottom Out Bottom In - Top Out
Power Loss (W)	at Rated Operating Conditions per Pole 6.5 W
Rated Conditional Short-Circuit Current - I <sub>nc</sub> (kA)	(200 A fuse, 500 V) 100 kA (200 A fuse, 690 V) 50 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) 12 kA
Rated Operational Current AC-22A (A)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Current AC-23A (A)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A

Rated Operational Current AC-21A (A)	(380 ... 415 V) 160 A (500 V) 160 A (690 V) 160 A
Rated Operational Power AC-23A (kW)	(220 ... 240 V) 45 kW (400 ... 415 V) 75 kW (500 V) 90 kW (690 V) 132 kW
Rated Operational Voltage AC (V)	Main Circuit 1000V
Rated Short-time Withstand Current Low Voltage - I <sub>cw</sub> (A)	for 1 s 4 kA
Special Functions	No
Switching Type	Mechanism at the End of the Switch 04 (Left Side)
Tightening Torque (Nm)	acc. IEC 60947-1 6 N·m

### Physical Attributes

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

### Dimensions

Cable Cross Section (mm <sup>2</sup> )	Cu 10 ... 70 mm <sup>2</sup>
Dimensions (mm)	130 * 150 * 73 [H*W*D]

### Protection & Standards

Degree of Protection	Front IP20
Pollution Degree	3
Standards	IEC 60947-3 / UL 98 / CSA C22.2 NO.4