

SAFETY DISCONNECT SWITCHES

Powerswitch® Safety Disconnect Switches

Watertight and dust-tight Powerswitch® Safety Disconnect Switches are the ideal choice for process environments with particulate laden air, outdoor exposure, or water wash-down requirements. Heavy duty enclosed safety disconnect switches cut power to the circuit for equipment servicing and are designed to withstand higher short circuit currents than manual motor controllers.

Sample Safety Disconnect Switches



Features and Benefits

30 Amp

- Non-Fused and Fused
- Non-Metallic and Stainless Steel
- IP67 Watertight
- NEMA 4X and IEC (DS30-AX)
- Fused models accept “Class-J” Time-Delay Fuses
- Backed by a limited 2-year warranty

60 Amp

- Non-Fused and Fused
- IP67 Watertight
- Hub sold separately
- Fused models accept “Class-J” Time-Delay Fuses
- Backed by a limited 2-year warranty

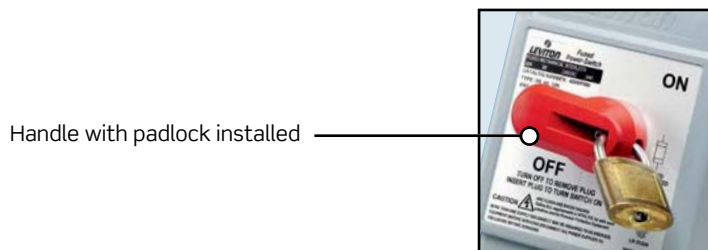
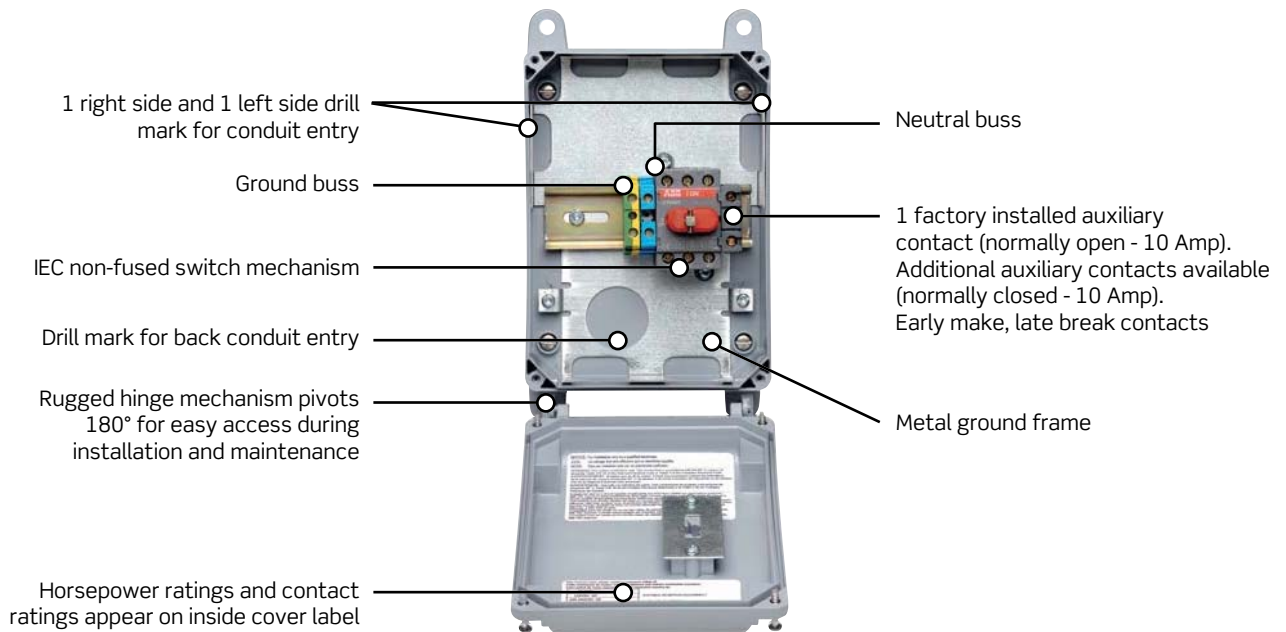
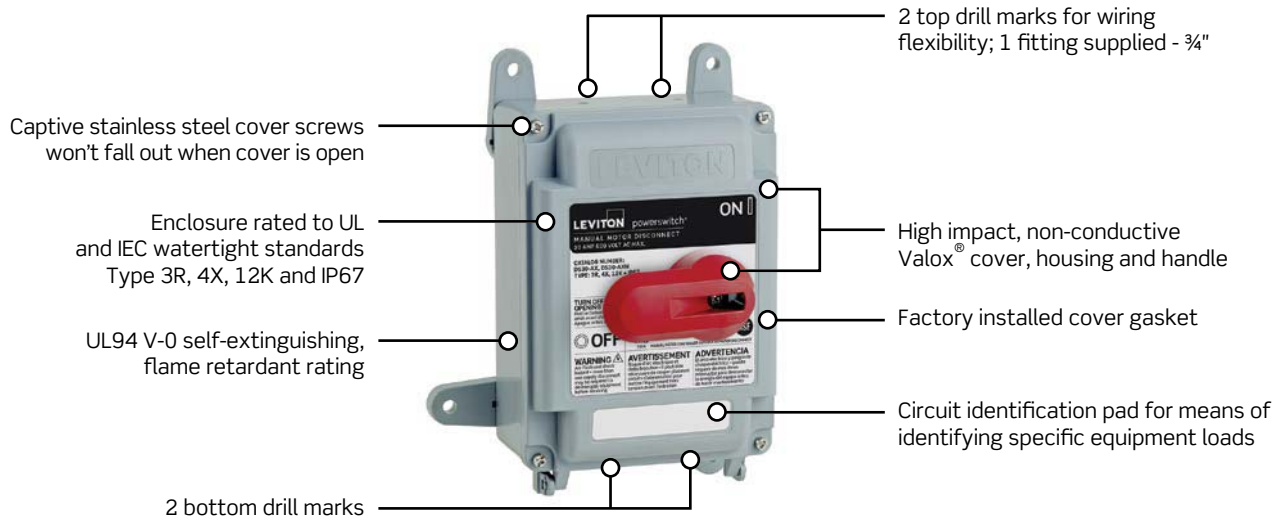
100 Amp

- Non-Fused
- IP67 Watertight
- Hub sold separately
- Fused models accept “Class-J” Time-Delay Fuses
- Backed by a limited 2-year warranty

SAFETY DISCONNECT SWITCHES

Powerswitch[®] Safety Disconnect Switches

Powerswitch[®] DS30-AX



Valox[®] is a registered trademark of SABIC

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Powerswitch® Safety Disconnect Switches

Powerswitch® DS60-FAX

Liquid-tight conduit fitting (sold separately) can be installed for top or bottom feed

Stainless steel screws are captive and will not fall out when cover is opened

Integrated lockout handle meets OSHA safety regulations

Impact UV and chemical-resistant Valox® enclosure rated to UL and IEC watertight standards

- 3R, 4X & 12K
- IP67

Red “pistol grip” handle provides visual confirmation of switch status

Circuit identification pad for means of identifying specific equipment loads



Pre-wired grounding plates (top and bottom of enclosure) connect to metal conduit grounding system

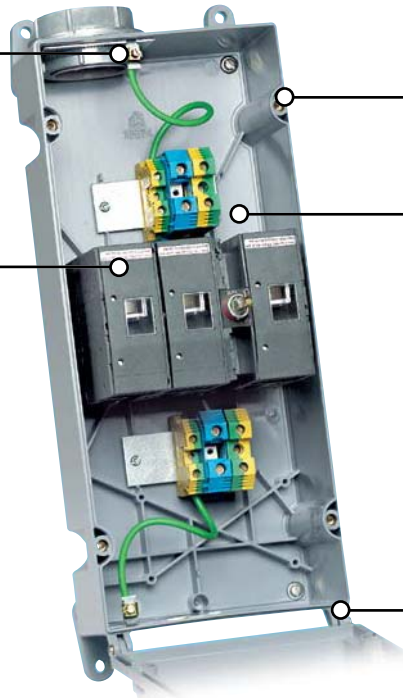
Disconnect switch with integrated fuse holder offers proven performance in a compact package

- Fused cartridges accept “Class J” fuses (not included)
- 1 factory installed auxiliary contact (normally open – 10 Amp)
- Additional auxiliary contact available (normally closed – 10 Amp)
- Easily accessible neutral and ground terminal blocks

Brass threaded inserts will not strip, provide higher torque, and form tighter seal between back box and cover

Generous wiring space for top to bottom wiring

Rugged hinge mechanism pivots 180° for easy access during installation and maintenance

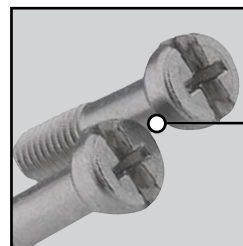


Handle (with padlock installed)



Cover Screws:
1 1/8" deep slotted, LG stainless steel

Mounting Screws:
10-24 x 1/2" deep slotted, LG stainless steel



SAFETY DISCONNECT SWITCHES

Powerswitch® Safety Disconnect Switches

Powerswitch® MDS30-AX



Safety Disconnect Switches

Description	Amps	Max Voltage	RMS Symmetrical Amperes	Cat. No.
Disconnect Switch Non-Fused*	30	600VAC	10,000A	DS30-AX
	60		50,000A	DS60-AX
	100			DS100-AX
Disconnect Switch Fused	30		200,000A	DS30-FAX
	60		10,000A	DS60-FAX
Stainless Steel Non-Fused Disconnect Switch	30		10,000A	MDS30-AX

*Non-Fused are suitable for use on circuits capable of delivering not more than the RMS symmetrical amperes listed on the chart above

Maximum HP Ratings as Per UL 60947-4-1

Volts	DS30-AX Non-Fused	DS60-AX Non-Fused	DS100-AX Non-Fused	DS30-FAX Fused	DS60-FAX Fused	MDS30-AX Non-Fused
120VAC	2	2	5	2	N/R	2
208VAC	5	20	25	7.5	15	5
240VAC	5	10	15	3	N/R	5
480VAC	10	20	25	7.5	N/R	10
600VAC	N/A	20	20	20	N/R	N/A
3ØY 120/208VAC	10	20	25	7.5	15	10
3Ø 240VAC	10	20	30	7.5	15	10
3Ø 480VAC	20	40	50	15	30	20
3Ø 600VAC	25	40	50	20	30	25

N/R: Not rated
N/A: Not available