

# POWERSWITCH

1000 VDC TRACTION POWER  
CONTROL COMPONENTS

## 1000 VDC QUICK BREAK FUSED DISCONNECTS

POWERSWITCH HAS CREATED AN IMPROVEMENT OPTION WHICH ADDS QUICK BREAK FUNCTION TO OUR 1000 VOLT DC FUSED DISCONNECTS. THIS ADDED FEATURE QUICKLY INTERRUPTS ANY ARCING WHICH CAN OCCUR WHEN THE COVER OF THE FUSED DISCONNECT IS OPENED WHILE ENERGIZED. THIS NEW ASSEMBLY COMBINES THE FUNCTIONS OF A SEPARATE SUPPLY SWITCH WITH QUICK BREAK CONTACTS AND THE ADVANTAGES OF THE FUSED DISCONNECT INTO ONE ENCLOSURE. THE QUICK BREAK FEATURE REDUCES THE RISK OF OPERATOR INJURY AND REDUCES THE FIRE HAZARD POTENTIAL WHEN THE COVER IS REMOVED WHILE THE FUSED DISCONNECT IS ENERGIZED. CURRENT CARRYING PARTS OF POWERSWITCH FUSED DISCONNECTS ARE HIGH CONDUCTIVITY COPPER WITH SILVER PLATED CONTACT SURFACES. ALL LIVE PARTS ARE MOUNTED ON NEMA GPO3 FIBERGLASS. FUSES ARE FASTENED TO THE INSIDE OF THE COVER SUCH THAT THE FUSE IS DISCONNECTED WHEN THE ENCLOSURE COVER IS REMOVED. COVER GUIDES INSURE PROPER BLADE ENGAGEMENT WHEN THE COVER IS REINSTALLED. SHOWN HERE IS THE POPULAR ASSEMBLY WITH A TYPICAL 60 AMP CARTRIDGE FUSE. OTHER ASSEMBLIES ARE AVAILABLE WHICH ACCOMMODATE 10-100 AMP MERSEN FUSES OR BUSSMANN BLADE TYPE TRACTION FUSES.



## FEATURES

ENCLOSURE BODY AND COVER ARE MADE FROM MOLDED, UV PROTECTED, FIRE RETARDANT, FIBERGLASS REINFORCED POLYESTER

HANDLE IS STEEL REINFORCED VULCANIZED RUBBER WITH PROVEN DURABILITY IN OUTDOOR HOSTILE ENVIRONMENTS.

LINK-LOCK COVER LATCHES ARE CORROSION RESISTANT STAINLESS STEEL WITH NO LOOSE PARTS TO FALL OFF OR GET LOST.

DURABLE UV RESISTANT GEL COAT EXTERIOR FINISH IS AVAILABLE IN A WIDE CHOICE OF COLORS.



# POWERSWITCH, Inc.

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