

NOARK FEATURED PRODUCTS



Manual Motor Starters

Ex9S32 and Ex9S80 Series



Ex9S32 and Ex9S80 Manual Motor Starters provide the disconnecting means, short circuit protection and overload protection, for motor loads up to 32A for Ex9S32 and 80A for Ex9S80 at 600Vac. With a wide range of accessories, the Ex9S32 and Ex9S80 families provide reliable, cost effective manual motor control for many applications.

- Suitable for Branch Circuit protection of motor loads
- Class 10 thermal overload protection
- Magnetic short circuit protection
- Ampacity ratings up to 80A @ 600Vac
- Full range of accessories
- Suitable for UL60947-4-1 Type E or Type F combinations (Ex9S32) and Type E combinations (Ex9S80)



Definite Purpose Contactors

Ex9CK and Ex9CKT

Ex9CK and Ex9CKT Definite Purpose Contactors offer a complete range of UL60947 rated devices from 20A to 90A at 600Vac. Available in 1, 2, 3 or 4 pole configurations, these contactors are ideal for general purpose switching of inductive and resistive loads in machinery and equipment.

- Class B coils with voltage ratings from 24Vac to 600Vac (50/60 Hz)
- Double E magnet assembly provides optimal performance with reduced power consumption
- Available with enclosed coils for protection against particle contamination
- Available with screw type or lug terminals, each with quick connect spade connectors
- Optional 1NO+1NC auxiliary contact block rated at 600Vac

SSRV Soft Starter

Ex9QR5 Series

Ex9QR5 is a solid-state reduced voltage (SSRV) motor starter used in the control and protection of 3-phase electric motors. Its multiple starting modes control the voltage and current applied to the motor to provide soft start, speed ramp and soft stop capability. It is the ideal solution for energy savings and torque control in applications like fans, blowers, pumps, compressors, crushers and many other loads.

- 200Vac to 690Vac
- Ampacity ratings from 15A through 1000A in five frame sizes
- Input frequency range from 35 Hz to 60 Hz
- Advanced motor protection functions



UL1066 Power Circuit Breakers

A25, A32 & A40 Series

A25, A32 & A40 Power Circuit Breakers are available up to 2500A, 3200A and 4000A respectively. They are capable of IC ratings up to 100kA at 635 Volts. UL Listed and CSA Certified, this family of products provide design standardization for OEM's no matter where they do business. A25, A32 & A40 breakers offer a broad range of available trip units, accessories, and communications options.

- 600A - 2500A (A25), 800A - 3200A (A32) & 4000A (A40)
- IC ratings up to 100kA at 635 Vac
- Fixed and Drawout versions - (A25 & A32); Fixed version - (A40)
- Short-Time Withstand, 100kA at 635 Vac
- 50 or 60 Hz operation
- 3 Pole and 4 Pole designs
- Through the door design
- UL/CSA field-installable accessories
- Rear horizontal or vertical connections
- Available as Disconnect Switches (ASD25, ASD32 and ASD40)



UL 489 Miniature Circuit Breakers

E9B Series – B1N, B1H, B1NQ, B1D, B1B



- B1H: 10kA at 480Y/277Vac
- B1N: 10kA at 240Vac
- B1NQ: 10kA at 120/240Vac
- B1D: 10kA at 250Vdc (2-Pole)
- B1B: 10kA at 500Vdc (2-pole) and 1000Vdc (4-pole)
- Approved to UL489, CSA C22.2 No 5 and IEC60947-2
- 0.5A to 32A ratings (B1H)
- 0.5A to 63A ratings (B1N/B1NQ/B1D)
- 25A - 63A ratings (B1B)



UL 1077 Supplementary Protectors

Ex9B Series – B1E



- Approved to UL1077, CSA C22.2. No 235 and IEC60947-2
- 1A to 125A ratings
- 5kA at 480Y/277Vac
- Type B, C and D Trip Curves (B1E 1-63A)
- 10kA at 125Vdc (B1E 1-63A 2-Pole)
- 10kA at 220Vdc (B1E 80-125A 2-Pole)



UL489 1500VDC Disconnect Switches

ASD16 & ASD25 DC Series



Noark Electric ASD16 & ASD25 DC disconnect switches comply with UL489B - For Photovoltaic Systems and UL 489 Supplement SC - For Batteries and Energy Storage Systems.

- Available in current ratings of 600A through 1600A (ASD26) and 800A through 2500A (ASD25)
- Operating voltage up to 1500Vdc (4 poles in series)
- Rated short time withstand current up to 75kA (ASD16) and 150kA (ASD25)
- Ambient temperature - 45°C ~ 70°C
- Jumper connection configuration for grounded and ungrounded systems
- Full line of internal and external accessories available



F30 Fuse holders

F30 Series



- Rated current up to 30A
- Rated operational voltage of 600Vac/dc or 1000Vdc (PV only)
- 1P, 2P, 3P and 4P
- Midget, CC and PV fuse types
- Interrupting capacity of Midget and CC types are up to 200kA while PV type is 50kA
- Available optional feature with blown-fuse indicator

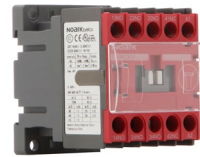


Safety Contactors

Ex9CA |

The Ex9CA Safety Contactors are designed for use in safety function applications. Ideal for the design of safety control circuits with current ratings up to 38 A.

- Positively guided mirror contacts/mechanically linked contacts according to IEC/UL60947-4-1 Annex F, IEC/UL60947-5-1 Annex L
- AC or DC operating coils
- Integrated body with built in auxiliary contacts up to 2NC and 2NO
- Integrated surge suppression on DC coil models



Safety Control Relay

Ex9RCA |

The Ex9RCA Safety Control Relay is designed to provide fail-safe performance for safety function applications. It features mechanically linked contacts for use on safety feedback circuits with up to 6 NCs in contact configuration.



- Force guided/mechanically linked contacts as per IEC/UL60947-5-1 Annex L
- AC or DC operating coils 4-pole models
- Extended contacts configuration up to 8 poles with permanent front block
- NEMA A600 and P600 contact ratings per ICS 5-2017



IEC Contactors

Ex9C |

Ex9C series contactors are suitable for a broad range of motor control applications. With many available accessories and options, these contactors have ampacity ratings from 6A to 1000A and can be applied in systems up to 690Vac.

- Nine frame sizes with rated current up to 1000 A at 690 Vac
- Coil control voltage 24 to 600 Vac (50/60Hz), and 24 to 500 Vdc
- Wide voltage range, electronic coils available for 9A to 500A
- Approved to UL/CSA 60947-1 and UL/CSA 60947-4-1
- Meets IEC/EN 60947-4-1



Thermal Overload Relay

Ex9R |

- For use with Ex9C and Ex9CR and Class 10A
- Ex9R Thermal Overload relays have a rated current up to 500A @ 600 Vac, 50/60 Hz
- Overload protection trip Class 10
- Adjustable current setting for overload protection



Electronic Overload Relay

Ex9RE |

- Integrated diagnostics with LED indicators
- Easily mounts on Ex9C 9-38A contactor or on DIN rail 35mm
- Selectable trip class 5/10/20/30
- Manual or automatic reset



UL489 Molded Case Circuit Breakers

Ex9M |

- Ex9M1 - M6: 15A to 1200A
- Ex9M2HV: 60A to 250A
- Ex9M3HV: 250A to 400A

- Approved to UL 489, CSA C22.2, No 5 and IEC60947-2
- Up to 100kA at 480Vac (15A to 800A) - Ex9M1-M5
- Up to 65kA at 480Vac (1200A) - Ex9M6
- Up to 50kA at 800Vac (60A to 250A) - Ex9M2HV
- Up to 50kA at 800Vac (250A to 400A) - Ex9M3HV
- Series M1D to M6D, Molded Case Switches 15A to 1200A
- Patented, double-break arc extinguishing design provides high breaking capacity
- Bearing-type spindle reduces the handle force required to operate the breaker



Extended Rotary Handle

NEH Series |

The NEH extended rotary handle mechanism selection consists of 3 components (sold separately): operating mechanism (HM), shaft (ES), and rotary handle (NEH)

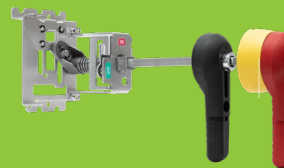
- NEMA 4/4X
- Colors: black or red/yellow
- Shaft lengths: 7.9, 12.6 and 19.7 inches
- Shaft can be cut for maximum customization



Enclosed Breaker

Enclosed Breaker Series |

- Rated Current up to 600A
- Voltage rating up to 600Vac
- NEMA Enclosure Type 1, 12 and 3R
- Molded Case Circuit Breakers (Ex9M Series: M1-M4)
- Neutral terminals for 3P-4W and 2P-3W systems
- Approved to UL489, CSA C22.2 No. 5 File No. E355392



NFPA Handle Mechanism

Optional NFPA79

Handle |

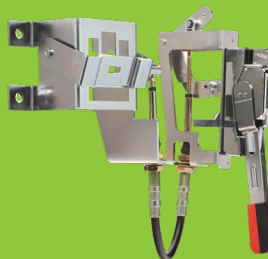
- Compatible with Molded Case Breakers from 15A to 800A (M1 - M5)
- Full size, depth adjustable internal handle
- External handle NEMA 4/4X rated. Available in Black or Red/Yellow
- Shaft Lengths 7.9, 12.6 and 19.7 inches



9FP Fuse and Fuse holders

9FP Series |

- Rated current up to 30A
- Rated operational voltage 1500 Vdc
- Up to 20 kA interrupting capacity
- Available as 1P



Flange Mounted Handle Disconnects

FH4X Series |

Flange operated handle with flexible cable operation

- Environmental ratings: Type 1/3R/12 or Type 4/4X
- Cable lengths: 3 to 10 feet
- Multi-breaker handle operators available



22 mm Pushbuttons

Ex9PB Series | **RoHS**

All pushbuttons made with metal construction for superior durability and visual appeal.

- IP40 rated (can be customized into IP65)



22 mm Pilot Lights

Ex9IL Series | **RoHS**

Available from 6 to 48 Vac/dc or 110/120 to 380 Vac in five colors: white, green, red, yellow or blue.

- IP65 rated



NOARK Electric is a global manufacturer of low-voltage electrical components for industrial applications. We specialize in motor controls and circuit protection products for original equipment manufacturers. Our mission is to provide customers with the highest quality products at an exceptional value and back them with world-class service and support. Every NOARK product is tested and certified to the highest industry standards and covered by our exclusive five-year limited warranty.

NOARK is a wholly-owned subsidiary of the largest electrical manufacturing group in Asia with over 50 thousand employees and a sales revenue of 22+ billion USD. We have corporate facilities in Los Angeles, Shanghai, and Prague to service the requirements of individual markets and countries.

INDUSTRY SOLUTIONS

- HVACR
- Industrial Food Equipment
- UL508A Panel Builders
- Engine Generator
- Material Handling
- Digital Storage
- Pumps and Water Management



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