



**NOARK**  
FEATURED PRODUCTS



### Manual Motor Starters

**Ex9S32 Series** |

Ex9S32 Manual Motor Starters provide the disconnecting means, short circuit protection and overload protection, for motor loads up to 32A at 600Vac. With a wide range of accessories, the Ex9S32 family provides 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 32A @ 600Vac
- Full range of accessories
- Suitable for UL60947-4-1 Type E or Type F combinations



### Definite Purpose Contactors

**Ex9CKT Series** |

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



### 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



### 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 600Vac.

- 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



### 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 up to 8 NO or NC contacts.

- 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



### 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

**Ex9 Series M** |

- M1: 15A to 150A
- M2: 100A to 250A
- M3: 225A to 400A
- M4: 400A to 600A
- M5: 600A to 800A
- M6: 800A to 1200A

- Approved to UL 489, CSA C22.2. No 5 and IEC60947-2
- Up to 100kA at 480Vac (15A to 800A)
- Up to 65kA at 480Vac (1200A)
- 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

### UL 489 Miniature Circuit Breakers

**Ex9 Series – B1N, B1H, B1NQ, B1D** |

- B1H: 10kA at 480Y/277Vac
- B1N: 10kA at 240Vac
- B1NQ: 10kA at 120/240Vac
- B1D: 10kA at 250Vdc (2-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)

### UL 1077 Supplementary Protectors

**Ex9 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 220Vdc (B1E 80~125A 2-Pole)

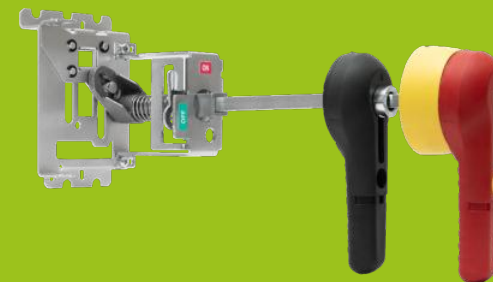


### Extended Rotary Handle

**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

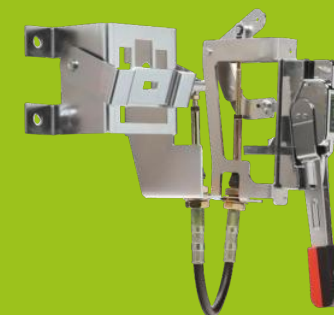


### NFWA Handle Mechanism

**Optional NFWA79 Handle** |

Meets the requirements of NFPA 79 for door interlocking, position indication and internal operating handles.

- 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, 1.6 and 19.7 inches.



### 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

# PILOT DEVICES



## 22 mm Pushbuttons

### Ex9PB Series



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

- IP40 rated



## 22 mm Pilot Lights

### Ex9IL Series



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

- IP65 rated



# ABOUT NOARK



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 25 thousand employees and a sales revenue of ten 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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