

NOARK

# Ex9CDS630A40P7

Contactor - 1311025 - Ex9CD - 630A - 230Vac (50/60Hz) - 4P (4NO)

Contactor - NOARK (Ex9CD series) - 4-poles (4P; 4NO) - 630A (220/230Vac; 380/400Vac; AC-3) rated current - 230Vac (50/60Hz) coil - Screw connection - 335kW (380/400Vac; AC-3) / 400HP (480Vac; AC-3; 3-phase) rated power - Direct On Line (DOL) / FVNR (Full-Voltage Non-Rv.) - frame size 11 - equivalent to 1311025

## Additional information

The technical information provided in the datasheet is subject to change without notice. For confirmation, please contact NOARK's product support team.

## Specifications

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|---|---|
| **Primary brand** | NOARK |
| **Main function** | Contactor |
| **Product series / family name** | Industrial controls > Contactors > Standard contactors > DOL / FVNR |
| **Sub-range name** | Ex9CD series |
| **Functions** | Contactor |
| **Poles** | 4-poles (4P; 4NO) |
| **Rated current** | 630A (220/230Vac; 380/400Vac; AC-3)<br>462A (660/690Vac; AC-3)<br>800A (conventional heating current; AC-1) |
| **Rated active power (kW)** | 335kW (380/400Vac; AC-3)<br>200kW (220/230Vac; AC-3)<br>450kW (660/690Vac; AC-3) |
| **Rated power (HP)** | 400HP (480Vac; AC-3; 3-phase)<br>250HP (240Vac; AC-3; 3-phase)<br>350HP (415Vac; AC-3; 3-phase)<br>500HP (600Vac; AC-3; 3-phase) |
| **Rated insulation voltage (Ui)** | 1000 V |
| **Connection type** | Screw connection<br>M12 screw connection (power circuits) |
| **Cross-section** | 2 x 350MCM...500MCM / 185mm2...240mm2 conductors<br>2 x 1.5x0.25" (50x5mm) Cu busbars |

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|---|---|
| **Control Voltage (AC)** | 230Vac (50/60Hz) |
| **Normally Open (NO) auxliary contacts** | 0 NO contacts |
| **Normally Closed (NC) auxiliary contacts** | 0 NC contacts |
| **Dimensions** | frame size 11<br>H304mm x 389mm x 256mm<br>H11.97" x W15.31" x L10.08" |
| **Ambient air temperature for operation** | 23˚F...+140˚F / -5˚C...+40 ˚C |
| **Technical compatibility with** | Combines with EX9RD630 overload relay type |
| **Application type** | Direct On Line (DOL)<br>FVNR (Full-Voltage Non-Rv.) |
| **Order code / Manufacturer SKU** | Ex9CDS630A40P7<br>1311025 |
| **Manufacturer product status** | Commercialized |
| **Equivalent to** | 1311025 |
| **Compliant with standard(s)** | UL 508 (file number E353866)<br>IEC 60947<br>EN 60947<br>CSA<br>CE compliant |
| **Electrical durability** | (AC-3) 800 000 hours |
| **Mechanical durability** | 6 000 000 hours |
| **Operating rate** | (AC-3) 600 Cycles/hour<br>(AC-4) 300 Cycles/hour<br>(mechanical) 1200 Cycles/hour |
| **Tightening torque** | 14 N.m |

## Benefits

The Ex9CDS is a general purpose contactor.

It is positioned between definite purpose contactors and the fully featured Ex9C line of products.
- AC-3 contactor ratings from 630A and AC-1 contactor ratings to 800A
- Coil voltages from 24-600Vac, 50/60 Hz
- Full Voltage Non-Reversing (FVNR) and Full Voltage Reversing (FVR)
- 5kA at 600Vac
- Built-in NO or NC auxiliary contacts to 32A
- IP 20 finger and back-of hand safe
- 3- and 4-pole versions including 2NO+2NC and 4NO configurations
- 95A mounts on standard 35mm DIN rail (40-95 can also mount on 75mm DIN rail)

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- Compatible with Ex9RD thermal overload relays
- Plug-on accessories for reduced installation time
- Coil replacement on standard contactor from 9-630A

Certifications
- UL Listed, File Number E353866
- Certified for Canada according to CSA standards
- IEC/EN 60947
- CE Compliant

## Documents

NOARK - Industrial controls - Catalog.pdf

Access to all NOARK drawings

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