

NOARK

Ex9CK90B30Y7

Definite-purpose (DP) contactor - Ex9CK - 90A - 600Vac (50/60Hz) - 3P (3NO)

Definite-purpose (DP) contactor - NOARK (Ex9CK series) - 3-poles (3P; 3NO) - 90A (FLA) rated current - 600Vac (50/60Hz) coil - Lug connection for line and load sides + Dual FASTON Quick Connect spade connectors (2 connectors per pole) - 60HP (600Vac; 3-phase) rated power - Direct On Line (DOL) / FVNR (Full-Voltage Non-Rv.)

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

Primary brand	NOARK
Main function	Contactor
Product series / family name	Industrial controls > Contactors > Definite purpose contactors
Sub-range name	Ex9CK series
Functions	Definite-purpose (DP) contactor
Poles	3-poles (3P; 3NO)
Rated current	90A (FLA) 90A (at 240/277Vac; 480Vac; 600Vac) 120A (Resistive Load Amps; 600Vac) 540A (240/277Vac; Locked Rotor Amperes) 450A (480Vac; Locked Rotor Amperes) 360A (600Vac; Locked Rotor Amperes)
Rated power (HP)	60HP (600Vac; 3-phase) 7.5HP / 7-1/2HP (110/120Vac; single-phase) 15HP (200/208Vac; single-phase) 20HP (240/277Vac; single-phase) 25HP (200/208Vac; 3-phase) 30HP (240/277Vac; 3-phase) 60HP (480Vac; 3-phase)
Connection type	Lug connection for line and load sides Dual FASTON Quick Connect spade connectors (2 connectors per pole)
Cross-section	#4AWG...#3AWG / 25mm2...35mm2 conductors (Copper rigid cable) #8AWG...#4AWG / 16mm2...25mm2 conductors (Copper flexible stranded cable)

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Short circuit breaking rating	100kA (480Vac with MCCB; at 600Vac with fuse)
Control Voltage (AC)	600Vac (50/60Hz) 510-660Vac pick-up voltage (0.85Us...1.1Us) -- control voltage above which contactor is guaranteed to close 120-390Vac drop-out voltage (0.2Us...0.65Us) -- control voltage below which contactor is guaranteed to open
Normally Open (NO) auxliary contacts	0 NO contacts
Normally Closed (NC) auxiliary contacts	0 NC contacts
Dimensions	H133mm x W89mm x D116mm H5.24" x W3.5" x D4.57"
Technical compatibility with	Recommended protection -- 125A M1N series circuit breaker or 200A class J/class L fuse
Power consumption	(inrush; 50Hz) 165 VA (inrush; 60Hz) 250 VA (sealed; 50Hz) 30 VA (sealed; 60Hz) 27 VA
Application type	Direct On Line (DOL) FVNR (Full-Voltage Non-Rv.)
Order code / Manufacturer SKU	Ex9CK90B30Y7
Manufacturer product status	Commercialized
Compliant with standard(s)	UL (file number E353866) IEC 60947-4-1 EN 60947-4-1 CSA RoHS compliant VDE Insulation -- Class B 266˚F (130˚C)
Tightening torque	(main circuit) 4-7 N.m (coil) 0.8-1.2 N.m

Documents

NOARK - Ex9CK series contactors - Datasheet.pdf

Access to all NOARK drawings

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