SIEMENS

Data sheet US2:18CUC92NA



Non-reversing motor starter, Size 0, Three phase full voltage, Solid-state overload relay, OLR amp range 3-12A, Combination type, 10A circuit breaker, Enclosure NEMA type 4/12, Water/dust tight for outdoors, Standard width enclosure

Figure similar

product brand name	Class 18 & 26
design of the product	Full-voltage non-reversing motor starter with motor circuit protector
special product feature	ESP200 overload relay; Dual voltage coil
General technical data	
Height x Width x Depth [in]	24 × 11 × 8 in
touch protection against electrical shock	NA for enclosed products
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
 during storage 	-22 +149 °F
 during operation 	-4 +104 °F
ambient temperature	
 during storage 	-30 +65 °C
 during operation 	-20 +40 °C
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	2 hp
• at 220/230 V rated value	2 hp
• at 460/480 V rated value	5 hp
● at 575/600 V rated value	5 hp
Contactor	
size of contactor	NEMA controller size 0
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	18 A
mechanical service life (switching cycles) of the main contacts typical	10000000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts	0
number of NO contacts at contactor for auxiliary contacts	1
number of total auxiliary contacts maximum	8
contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)
Coil	
type of voltage of the control supply voltage	AC
control supply voltage	
at AC at 60 Hz rated value	110 240 V
holding power at AC minimum	8.6 W

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Enclosure degree of protection NEMA rating 4, 12	
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design of the housing dustproof, waterproof & weatherproof	
Circuit Breaker	
type of the motor protection Motor circuit protector (magnetic trip only)	
operational current of motor circuit breaker rated value 10 A	
adjustable current response value current of instantaneous short-circuit trip unit	
Mounting/wiring	
mounting position Vertical	
fastening method Surface mounting and installation	
type of electrical connection for supply voltage line-side Box lug	
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x (14 AWG 10 AWG) or 1x (12 AWG 10 AWG)	
temperature of the conductor for supply maximum permissible 75 °C	
material of the conductor for supply AL or CU	
type of electrical connection for load-side outgoing feeder Screw-type terminals	
tightening torque [lbf·in] for load-side outgoing feeder 20 20 lbf·in	
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded	
temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C	
material of the conductor for load-side outgoing feeder AL or CU	
type of electrical connection of magnet coil Screw-type terminals	
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type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (16 12 AWG)
temperature of the conductor at magnet coil maximum permissible	75 °C
material of the conductor at magnet coil	CU
type of electrical connection for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi-stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
material of the conductor at contactor for auxiliary contacts	CU
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi-stranded	2x (20 14 AWG)
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
material of the conductor at overload relay for auxiliary contacts	CU
Short-circuit current rating	
design of the short-circuit trip	Instantaneous trip circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	100 kA
• at 480 V	100 kA
● at 600 V	25 kA
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
Further information	

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

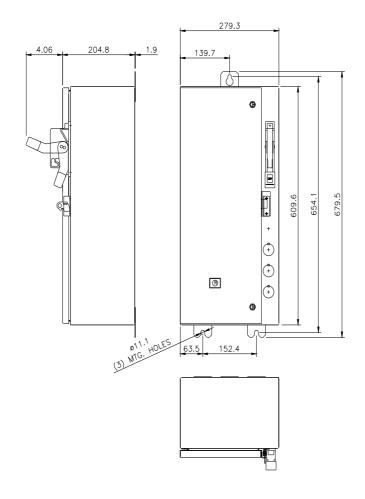
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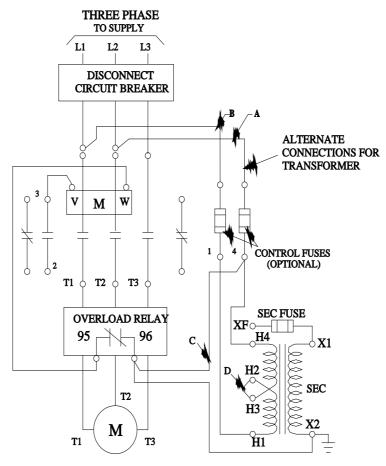
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Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:18CUC92NA&lang=en

Certificates/approvals

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