SIEMENS

Data sheet

US2:18CP92XAJ91



Non-reversing motor starter Size 0 Three phase full voltage Amb compensate bimetal OLrelay Contactor amp rating 18Amp 24VAC 50-60HZ coil Combination type 3Amp circuit breaker Encl NEMA type 4X 316 S-steel Water/dust tight noncorrosive Standard width enclosure

Figure similar

General technical data		
Weight [lb]	35 lb	
Height x Width x Depth [in]	24 × 11 × 8 in	
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	
Ambient temperature [°F] during operation	-4 +104 °F	
Ambient temperature during storage	-30 +65 °C	
Ambient temperature during operation	-20 +40 °C	
Country of origin	USA	
Horsepower ratings		
Yielded mechanical performance [hp] for three-phase		
AC motor		
• at 200/208 V rated value	0.5 hp	
• at 220/230 V rated value	0.5 hp	
• at 460/480 V rated value	1 hp	

• at 575/600 V rated value

1 hp

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overload relay Number of NO contacts of auxiliary contacts of 1	Adjustment range of thermal overload trip unit	0.85 1.15
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Operating current of auxiliary contacts of overload relay	
● at AC at 600 V	10 A
● at DC at 250 V	5 A
Contact rating of auxiliary contacts of overload relay according to UL	10A@600VAC (A600), 5A@250VDC (P300)
Enclosure	
Degree of protection NEMA rating of the enclosure	NEMA 4X 316 stainless steel enclosure
Design of the housing	Dust-tight, watertight & corrosion resistant
Motor Circuit Protector (magnetic trip only)	
Operating current of motor circuit breaker rated value	3 A
Adjustable pick-up value current of instantaneous short-circuit trip unit	10 35 A
Mounting/wiring	
(mounting position)	Vertical
(mounting type)	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 conductors 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	35 50 lbf·in
Type of electrical connection of magnet coil	Screw-type terminals
Tightening torque [lbf·in] at magnet coil	5 12 lbf·in
Type of connectable conductor cross-sections of magnet coil at AWG conductors 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 conductors 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	Screw-type terminals
auxiliary contacts	
Tightening torque [lbf·in] at overload relay for	5 12 lbf·in
auxiliary contacts	
Type of connectable conductor cross-sections at	2x (16 12 AWG)
	2X (10 12 AWG)
overload relay at AWG conductors for auxiliary	
contacts single or multi-stranded	
Temperature of the conductor at overload relay for	75 °C
auxiliary contacts maximum permissible	
Material of the conductor at overload relay for	CU
-	
auxiliary contacts	
Short-circuit current rating	
Design of the short-circuit trip	Motor circuit protector (magnetic trip only)
Maximum short-circuit current breaking capacity (Icu)	
• at 240 V	100 kA
• at 480 V	100 kA
• at 600 V	25 kA

urther information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

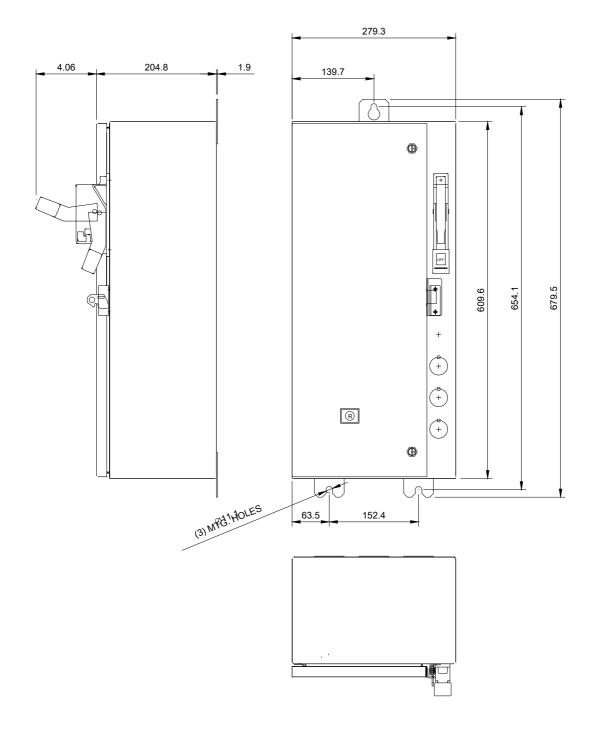
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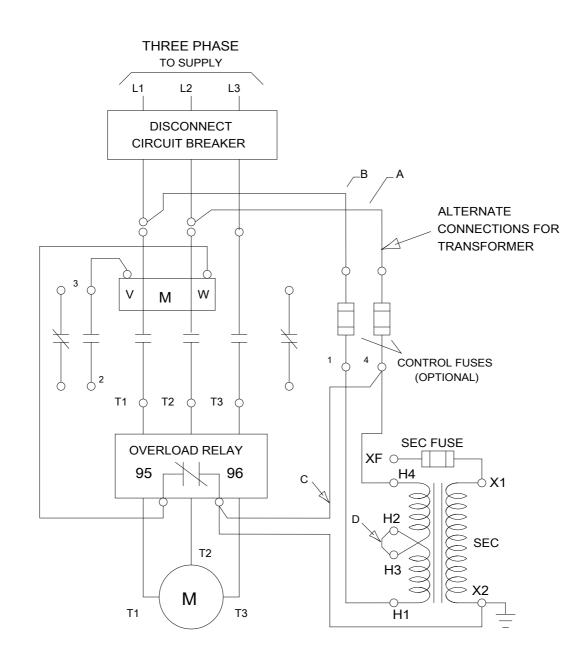
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:18CP92XAJ91

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:18CP92XAJ91&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:18CP92XAJ91/certificate





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