SIEMENS

Data sheet US2:17CUC92BA



Non-reversing motor starter, Size 0, Three phase full voltage, Solidstate overload relay, OLRelay amp range 3-12a, 110 120/220 240VAC 60HZ coil, Combination type, 30Amp non-fusible disconnect Enclosure NEMA type 1, Indoor general purpose use, Standard width enclosure

Figure similar

General technical data		
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	

orsepower ratings			
Yielded mechanical performance [hp] for three-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		

Contacto

Number of NC contacts at contactor for auxiliary contacts Number of NO contacts at contactor for auxiliary contacts Number of total auxiliary contacts maximum 8 Contact rating of auxiliary contacts of contactor according to UL Coil Type of voltage of the control supply voltage • at DC rated value • at AC at 60 Hz rated value • at AC at 50 Hz rated value • at AC at 50 Hz rated value Apparent pick-up power of magnet coil at AC Apparent holding power of magnet coil at AC Apparent holding power of magnet coil at AC Operating range factor control supply voltage rated value of magnet coil Percental drop-out voltage of magnet coil related to the input voltage 50 % the input voltage 10 24 ms			
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according to UL Type of voltage of the control supply voltage			
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Control supply voltage • at DC rated value • at AC at 60 Hz rated value • at AC at 50 Hz rated value Holding power at AC minimum 8.6 W Apparent pick-up power of magnet coil at AC Apparent holding power of magnet coil at AC Operating range factor control supply voltage rated value of magnet coil Percental drop-out voltage of magnet coil related to the input voltage Switch-on delay time Diff-delay time Product function • Overload protection • Phase failure detection • Phase failure detection • Phase unbalance • Ground fault detection • Test function • External reset Reset function • External reset Reset function Manual, automatic and remote (trip class) Adjustable pick-up value current of the current-dependent overload release Make time with automatic start after power failure maximum **Control of the current of the current of the current of the current and the current of the current	Coil		
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Product function Overload protection Phase failure detection Phase unbalance Ground fault detection Yes Test function External reset Yes Reset function Manual, automatic and remote (trip class) Adjustable pick-up value current of the current-dependent overload release Make time with automatic start after power failure maximum	Off-delay time	10 24 ms	
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● External reset Reset function (trip class) Adjustable pick-up value current of the current-dependent overload release Make time with automatic start after power failure maximum Yes Manual, automatic and remote Class 5 / 10 / 20 (factory set) / 30 3 12 A 3 s	Ground fault detection	Yes	
Reset function (trip class) Adjustable pick-up value current of the current-dependent overload release Make time with automatic start after power failure maximum Manual, automatic and remote Class 5 / 10 / 20 (factory set) / 30 3 12 A 3 s	Test function	Yes	
(trip class) Adjustable pick-up value current of the current-dependent overload release Make time with automatic start after power failure maximum Class 5 / 10 / 20 (factory set) / 30 3 12 A 3 s	External reset	Yes	
Adjustable pick-up value current of the current- dependent overload release Make time with automatic start after power failure maximum 3 12 A 3 s	Reset function	Manual, automatic and remote	
dependent overload release Make time with automatic start after power failure maximum 3 s	(trip class)	Class 5 / 10 / 20 (factory set) / 30	
maximum		3 12 A	
Relative repeat accuracy 1 %		3 s	
	Relative repeat accuracy	1 %	

Product feature Protective coating on printed-circuit board	Yes
Number of NC contacts of auxiliary contacts of overload relay	1
Number of NO contacts of auxiliary contacts of overload relay	1
Operating current of auxiliary contacts of overload relay	
• at AC at 600 V	5 A
● at DC at 250 V	1 A
Contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
Insulation voltage	
 with single-phase operation at AC rated value 	600 V
 with multi-phase operation at AC rated value 	300 V
Disconnect Switch	
Rated response values of switch disconnector	30A / 600V
Design of fuse holder	non-fusible
Operating class of the fuse link	non-fusible
Mounting/wiring	
(mounting position)	vertical
(mounting type)	Surface mounting and installation
	-
Type of electrical connection for supply voltage lineside	Box lug
Type of electrical connection for supply voltage line-	-
Type of electrical connection for supply voltage line- side	Box lug
Type of electrical connection for supply voltage line- side Tightening torque [lbf·in] for supply Type of connectable conductor cross-sections at line-	Box lug 35 35 lbf·in
Type of electrical connection for supply voltage line- side Tightening torque [lbf-in] for supply Type of connectable conductor cross-sections at line- side at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum	Box lug 35 35 lbf·in 1x (14 2 AWG)
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Type of electrical connection for supply voltage line- side Tightening torque [lbf-in] for supply Type of connectable conductor cross-sections at line- side at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum permissible Material of the conductor for supply Type of electrical connection for load-side outgoing	Box lug 35 35 lbf·in 1x (14 2 AWG) 75 °C AL or CU
Type of electrical connection for supply voltage line- side Tightening torque [lbf-in] for supply Type of connectable conductor cross-sections at line- side at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum permissible Material of the conductor for supply Type of electrical connection for load-side outgoing feeder Tightening torque [lbf-in] for load-side outgoing	Box lug 35 35 lbf·in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals
Type of electrical connection for supply voltage line- side Tightening torque [lbf·in] for supply Type of connectable conductor cross-sections at line- side at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum permissible Material of the conductor for supply Type of electrical connection for load-side outgoing feeder Tightening torque [lbf·in] for load-side outgoing feeder Type of connectable conductor cross-sections at AWG conductors for load-side outgoing feeder single	Box lug 35 35 lbf·in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in
Type of electrical connection for supply voltage line- side Tightening torque [lbf-in] for supply Type of connectable conductor cross-sections at line- side at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum permissible Material of the conductor for supply Type of electrical connection for load-side outgoing feeder Tightening torque [lbf-in] for load-side outgoing feeder Type of connectable conductor cross-sections at AWG conductors for load-side outgoing feeder single or multi-stranded Temperature of the conductor for load-side outgoing	Box lug 35 35 lbf·in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x (14 2 AWG)
Type of electrical connection for supply voltage line- side Tightening torque [lbf-in] for supply Type of connectable conductor cross-sections at line- side at AWG conductors single or multi-stranded Temperature of the conductor for supply maximum permissible Material of the conductor for supply Type of electrical connection for load-side outgoing feeder Tightening torque [lbf-in] for load-side outgoing feeder Type of connectable conductor cross-sections at AWG conductors for load-side outgoing feeder single or multi-stranded Temperature of the conductor for load-side outgoing feeder maximum permissible Material of the conductor for load-side outgoing	Box lug 35 35 lbf·in 1x (14 2 AWG) 75 °C AL or CU Screw-type terminals 20 20 lbf·in 1x (14 2 AWG) 75 °C

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 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 conductors 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 fuse link for short-circuit protection of the main circuit required

10kA@600V (Class H or K); 100kA@600V (Class R or J)

Further information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17CUC92BA

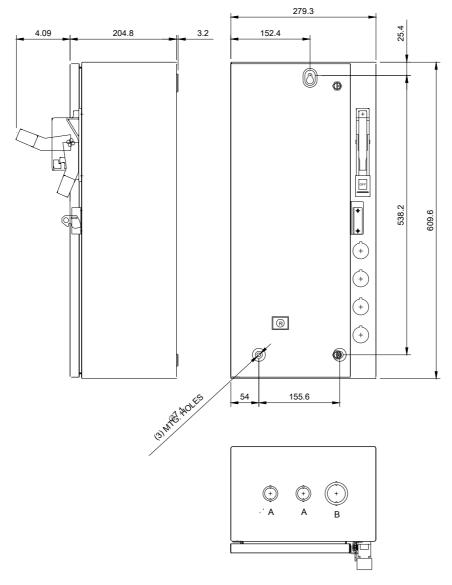
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:17CUC92BA

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17CUC92BA&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:17CUC92BA/certificate



\LCONDUITS TYP. TOP & BOTTOM

LETTER	CONDUIT SIZE
Α	%%C12.7 & %%C19 CONDUIT
В	Ø25.4 & Ø31.8 CONDUIT



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