SIEMENS

US2:14CUB32BF **Data sheet**



Figure similar

Non-reversing motor starter, Size 0, Three phase full voltage, Solid-state overload relay, OLR amp range 0.75-3.4A, 110V 50Hz / 120V 60Hz coil, Non-combination type, Enclosure type 1, Indoor general purpose use, Standard width enclosure

design of the product special product feature ESP200 overload relay Seperal technical data	product brand name	Class 14
Special product feature General technical data weight [Ib] Height x Width x Depth [in] touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [FT] • during storage • during operation - during storage • during operation - during storage • during operation - during operation - during operation - 20 +40 °C USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 250/230 V rated value • at 460/480 V rated value • at 675/600 V rated value • at 675/600 V rated value • at 675/600 V rated value • at 575/600 V rated value • at 675/600 V rated value • at 756/600 V rated value • at 756/600 V rated value • at 675/600 V rated value • at 675/600 V rated value • at 675/600 V rated value • at 756/600 V rated value • at 756/600 V rated value • at 756/600 V rated value • at 675/600 V rated value • at 675/600 V rated value • at 756/600 V r	design of the product	Full-voltage non-reversing motor starter
Height x Width x Depth [in]	special product feature	
Height x Width x Depth [in] touch protection against electrical shock (NA for enclosed products) installation altitude [ft] at height above sea level maximum ambient temperature ["F] • during storage • during operation — ouring operation — ourin	General technical data	
touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage	weight [lb]	8 lb
installation altitude [ft] at height above sea level maximum ambient temperature [°F] • during storage • during operation -4+104 °F ambient temperature • during storage • during operation -20+40 °C country of origin USA Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 450/480 V rated value • at 4575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 60 was possible for main contacts size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 18 A mechanical service life (switching cycles) of the main contacts typical Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at	Height x Width x Depth [in]	11 × 7 × 5 in
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design of the housing Mounting/wiring Mounting/wiring	Enclosure	
Mounting/wiring Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Screw-type terminals tightening torque [lbf-in] for supply 20 20 lbf-in type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x(14 - 2 AWG) temperature of the conductor for supply maximum permissible 75 °C material of the conductor for load-side outgoing feeder Screw-type terminals type of electrical connection for load-side outgoing feeder Screw-type terminals type of connectable conductor cross-sections at AWG 2 x (14 - 10 AWG) cables for load-side outgoing feeder single or multi-stranded 2 x (14 - 10 AWG) temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C material of the conductor for load-side outgoing feeder maximum permissible 75 °C type of electrical connection of magnet coil 5 12 lbf-in type of connectable conductor cross-sections of magnet 2 x (16 - 12 AWG)	degree of protection NEMA rating	1
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tightening torque [lbf-in] at magnet coil 5 12 lbf-in type of connectable conductor cross-sections of magnet 2 x (16 - 12 AWG)	material of the conductor for load-side outgoing feeder	CU
tightening torque [lbf-in] at magnet coil 5 12 lbf-in type of connectable conductor cross-sections of magnet 2 x (16 - 12 AWG)		screw-type terminals
	tightening torque [lbf·in] at magnet coil	5 12 lbf·in
coil at AWG cables single or multi-stranded		2 x (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	1 x (12 AWG), 2 x (16 - 14 AWG), 2 x (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	2 x (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)
design of the short-circuit trip	Thermal magnetic circuit breaker
breaking capacity maximum short-circuit current (Icu)	
• at 240 V	14 kA
● at 480 V	10 kA
● at 600 V	10 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)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:14CUB32BF

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14CUB32BF

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14CUB32BF&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14CUB32BF/certificate

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