SIEMENS

Data sheet US2:14EUE32BS



Non-reversing motor starter, Size 1 3/4, Three phase full voltage, Solid-state overload relay, OLR amp range 10-40A, 24VDC coil, Non-combination type, Enclosure type 1, Indoor general purpose use, Standard width enclosure

Figure similar

design of the product special product feature ESP200 overload relay; Half-size starter General technical data weight [lb] 8 lb Height x Width x Depth [in] 11 x 7 x 5 in touch protection against electrical shock (NA for enclosed products) installation altitude [ft] at height above sea level maximum ambient temperature [*F] • during storage - 22 +149 *F • during storage - 4 +104 *F ambient temperature • during storage - 30 +65 *C • during operation - 20 +40 *C country of origin USA Horspower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value 10 hp • at 480/480 V rated value 15 hp • at 480/480 V rated value 15 hp Contactor size of contactor No contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operations typical Auxillary contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of NC contacts at contactor for auxillary contacts number of VC contacts at contactor for auxillary contacts number of VC contacts at contactor for auxillary contacts number of VC contacts at contactor for auxillary contacts number of VC contacts at contactor for auxillary contacts number of VC contacts at contactor for auxillary contacts number of VC contacts at contactor for auxillary contacts number of VC contactor auxillary contacts numb	product brand name	Class 14
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Helight x Width x Depth [in]	special product feature	ESP200 overload relay; Half-size starter
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Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value 15 hp Contactor 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 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 contactor for auxiliary contacts number of total auxiliary contacts maximum sound trating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage DC	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • 15 hp • at 575/600 V rated value 15 hp	country of origin	USA
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contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 5A@600VDC (P600) type of voltage of the control supply voltage DC	number of NO contacts at contactor for auxiliary contacts	1
to UL Coil type of voltage of the control supply voltage DC	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage DC		10A@600VAC (A600), 5A@600VDC (P600)
	Coil	
control supply voltage	type of voltage of the control supply voltage	DC
control supply voitage	control supply voltage	

at DC rated value	24 V
holding power at AC minimum	0 W
apparent pick-up power of magnet coil at AC	163 VA
apparent holding power of magnet coil at AC	5.5 VA
operating range factor control supply voltage rated value of magnet coil	0.85 1.1
percental drop-out voltage of magnet coil related to the input voltage	25 %
ON-delay time	21 21 ms
OFF-delay time	11 11 ms
Overload relay	
product function	
overload protection	Yes
phase failure detection	Yes
asymmetry detection	Yes
ground fault detection	Yes
• test function	Yes
external reset	Yes
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current- dependent overload release	10 40 A
tripping time at phase-loss maximum	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
operational 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 (Ui)	
 with single-phase operation at AC rated value 	600 V
with multi-phase operation at AC rated value	300 V
Enclosure	
degree of protection NEMA rating	1
design of the housing	Indoor general purpose use
Mounting/wiring	
mounting position	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	45 45 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 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	45 45 lbf·in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded	1x(14 - 2 AWG)
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
tightening torque [lbf·in] at magnet coil	5 12 lbf·in
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2 x (16 - 12 AWG)
temperature of the conductor at magnet coil maximum	75 °C

permissible	
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=US2:14EUE32BS

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:14EUE32BS

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:14EUE32BS&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:14EUE32BS/certificate

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