SIEMENS

Data sheet US2:17JUH92BD



Non-reversing motor starter, Size 4, Three phase full voltage, Solid-state overload relay, OLR amp range 50-200A, 208VAC 60Hz coil, Combination type, 200A non-fusible disconnect, Enclosure NEMA type 1, Indoor general purpose use, Standard width enclosure

Figure similar

product brand name	Class 17 & 25
design of the product	Full-voltage non-reversing motor starter with non-fusible disconnect
special product feature	ESP200 overload relay
General technical data	
Height x Width x Depth [in]	36 × 24 × 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	40 hp
• at 220/230 V rated value	50 hp
• at 460/480 V rated value	100 hp
• at 575/600 V rated value	100 hp
Contactor	
size of contactor	NEMA controller size 4
number of NO contacts for main contacts	3
operational current at AC at 600 V rated value	135 A
mechanical service life (switching cycles) of the main contacts typical	5000000
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	7
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	208 V
holding power at AC minimum	22 W
apparent pick-up power of magnet coil at AC	510 VA
apparent holding power of magnet coil at AC	51 VA

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material of the conductor for load-side outgoing feeder CU	material of the conductor for load-side outgoing feeder	CU
type of electrical connection of magnet coil Screw-type terminals		Screw-type terminals
tightening torque [lbf·in] at magnet coil 5 12 lbf·in		1
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded 2x (16 12 AWG)	type of connectable conductor cross-sections of magnet	2x (16 12 AWG)
temperature of the conductor at magnet coil maximum permissible 75 °C	temperature of the conductor at magnet coil maximum	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 fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)
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=US2:17JUH92BD

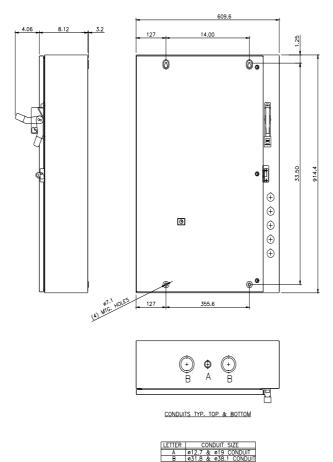
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:17JUH92BD

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17JUH92BD&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:17JUH92BD/certificate



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