## **SIEMENS**

Data sheet US2:17EUE92ND



Non-reversing motor starter, Size 1 3/4, Three phase full voltage, Solid-state overload relay, OLRelay amp range 10-40a, 208VAC 60HZ coil, Combination type, 60Amp non-fused disconnect Enclosure NEMA type 4/12, Water/dust tight for outdoors, Standard width enclosure

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; Half-size controller
General technical data	
Height x Width x Depth [in]	24 × 11 × 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	10 hp
• at 220/230 V rated value	10 hp
• at 460/480 V rated value	15 hp
• at 575/600 V rated value	15 hp
Contactor	
size of contactor	Controller half size 1 3/4
number of NO contacts for main contacts	3
operational current at AC at 600 V rated value	40 A
mechanical service life (operating cycles) of the main contacts typical	10000000
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	8
contact rating of auxiliary contacts of contactor according to UL	345VA@115VAC / 768VA@240VAC
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	8.6 W
apparent pick-up power of magnet coil at AC	218 VA
apparent holding power of magnet coil at AC	25 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	50 %

ORF-cleay time 19 24 ms Overload roley  product function  • overload protection  • phase failure detection  • passe failure detection  • easymmetry detection  • existernal reset  • yes  • outernal reset yes  • cuthorion  • whanuel, automatic and remote  CLASS 5 / 10 / 20 (factory set) / 30  adjustable current response value current of the current- dependent overload release  make time with automatic start after power failure maximum  relative repeat accuracy  make time with automatic start after power failure maximum  relative repeat accuracy  1 %  product feature protective coating on printed-circuit board  yes  number of NC contacts of auxiliary contacts of overload relay  • at AC at 600 V  • at DC at 250 V  • with multi-phase operation at AC rated value  • with single-phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with multi-phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with multi-phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase operation at AC rated value  • with single phase ope
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● with multi-phase operation at AC rated value  Disconnect Switch response value of switch disconnector  design of fuse holder operating class of the fuse link non-fusible  Enclosure  degree of protection NEMA rating design of the housing  Mounting/wiring mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply  300 V  60  4  4  4  4  4  4  4  4  4  4  5  5  5
response value of switch disconnector  design of fuse holder  operating class of the fuse link  non-fusible  Enclosure  degree of protection NEMA rating  design of the housing  Mounting/wiring  mounting position  fastening method  type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  60  non-fusible  non-fusible  4  dustproof, waterproof & weatherproof  weatherproof  Surface mounting and installation  Box lug  15  15  15  16  16  16  17  18  18  18  18  18  18  18  18  18
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type of electrical connection for supply voltage line-side  tightening torque [lbf-in] for supply  35 35 lbf-in
tightening torque [lbf-in] for supply 35 35 lbf-in
AWG cables single or multi-stranded
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 for AWG cables for load-side outgoing feeder single or multi-stranded
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 for AWG cables single or multi-stranded
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 for AWG cables for auxiliary contacts single or multi-stranded
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 for AWG cables for auxiliary contacts single or multi-stranded	2
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	10
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=US2:17EUE92ND

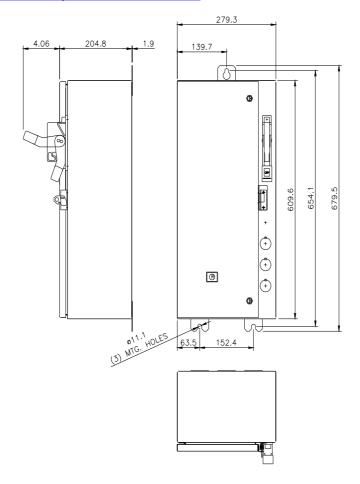
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

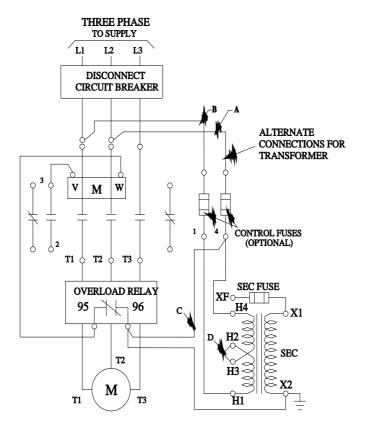
https://support.industry.siemens.com/cs/US/en/ps/US2:17EUE92ND

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:17EUE92ND&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:17EUE92ND&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:17EUE92ND/certificate





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