SIEMENS

Data sheet US2:17HUG92WD



Non-reversing motor starter, Size 3, Three phase full voltage, Solid-state overload relay, OLR amp range 25-100A, 208VAC 60Hz coil, Combination type, 100A non-fusible disconnect, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, 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]	24 × 20 × 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	20 hp
• at 220/230 V rated value	25 hp
● at 460/480 V rated value	50 hp
• at 575/600 V rated value	50 hp
Contactor	
size of contactor	NEMA controller size 3
number of NO contacts for main contacts	3
operational current at AC at 600 V rated value	90 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	
	14 W
apparent pick-up power of magnet coil at AC	14 W 310 VA

operating range factor control supply voltage rated value of magnet coil percental drop-out voltage of magnet coil related to the input voltage. ON-delay time 22 41 ms OFF-delay time 14 19 ms Overload rolsy product function 4 19 ms Overload rolsy product function 5 40 40 19 ms Overload rolsy product function 6 40 40 40 40 19 ms Overload protection 7 40		
input voltage ON-delay time OFF-delay time OFF-delay time OFF-delay time OFF-delay time OFF-delay time Overload relay product function • overload protection • phase failure detection • phase failure detection • ground fault detection • ground fault detection • external reset reset function • external reset reset function • external reset reset function • external response value current of the current- dependent overload releave make time with automatic start after power failure maximum relative repeat accuracy product feature protective coaling on printed-circuit board relay product feature protective coaling on printed-circuit board relay product feature protective coaling on printed-circuit board relay • at AC at 600 V • at DC at 250 V • at DC at 250 V • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with pass operation of fuse phy value physical value		0.85 1.1
ON-cleay time 226 41 ms OVertoad rotary product function • overload protection • phase failure detection • yes • ground fault detection • Yes • ground fault detection • Yes • est function • vertical grows • Yes • est function • vertical grows • Yes • est function • vertical grows • Yes • est function • Yes • est functi		50 %
OPF-delay time Overload ralay product function • overload protection • overload protection • overload protection • overload protection • asymmetry detection • ground fault detection • extermal reset • test function • external reset reset function Adultable current response value current of the current-dependent overload release make time with automatic start after power failure maximum relative repeat accuracy product feature protective coating on printed-circuit board relay relative repeat accuracy product feature protective coating on printed-circuit board relay operational current of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at 250 V • at DC at 250 V • 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 multi-phase operation at AC rated value • with multi-phase operation at AC rated value • overlading dass of the fuse link response value of switch disconnector design of fuse holder operating dass of the fuse link non-fusible fecial or supply for operating dass of the fuse link position fastering method vertical fastering method vertical fastering method for supply voltage line-side tightering torque [lbf-in] for supply temperature of the conductor for supply type of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder flaghtering torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder flaghtering torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder flaghtering the conductor for sup		26 41 ms
product function • overload protection • phase failure detection • asymmetry detection • symmetry detection • external reset reset function • external reset reset function • control adult detection • external reset reset function fit piclass 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 product feature protective costing on printed-circuit board number of NC contacts of auxiliary contacts of overload relay pumber of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • operating class of the fuse link • conforting the housing Mounting/wiring mounting position fastering method type of electrical connection for supply voltage line-side type of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder fightening forque [librin] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder fightening forque [librin] for load-side outgoing feeder fightening forque [librin] for load-side o	·	
product function • overload protection • overload protection • phase Failure detection • asymmetry detection • asymmetry detection • ground fault detection • test function • external reset • reset function Itrip class • Active function Itrip class • 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 product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay • Act act contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at 250 V contact rating of auxiliary contacts of overload relay • at AC at 600 V • with single-phase operation at AC rated value • with multi-phase operation at AC rated value operating class of the fuse link response value of switch disconnector design of the sholder operating class of the fuse link renormality for the fuse link renormality for the fuse link response value of switch disconnector design of the phousing design of the phousing design of the phousing design of the phousing Mounting livining mounting position fastering method type of electrical connection for supply voltage line-side type of electrical connection for supply voltage line-side utipher ing torque [librin] for supply temperature of the conductor for supply temperature of the conducto	•	
overload protection phase failure detection a symmetry detection ves ground fault detection ves ground fault detection test function external reset ves v		
phase failure detection asymmetry detection ground fault detection yes external reset reset function trip class adjustable current response value current of the current-dependent overload release make time with automatic start after power failure maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay at DC at 250 V with multi-phase operation at AC rated value operation of suskilary design of fuse holder operating class of the fuse link response value of switch lisconnector design of fuse holder operating dass of the fuse link conclusing for the fuse link conclusing for the fuse link conclusing for the operation of the fuse link conclusing mounting position fastening method type of electrical connection for supply voltage line-side dightening torque [lbf-in] for supply type of electrical connection for load-side outgoing feeder	·	Yes
asymmetry detection ground fault detection external reset external reset reset function Annual, 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 product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay ext at Ca t 600 V ext at DC at 250 V for contact rating of auxiliary contacts of overload relay ext insighe-phase operation at AC rated value with multi-phase operation at AC rated value foresponse value of switch disconnector design of fuse holder operating class of the fuse link non-fusible reprolating forms (SEA) factorial protection NEMA rating design of the housing mounting position fastening method flye of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of electrical connection for supply flye of electrical connection for supply type of electrical connection for supply type of electrical connection for supply flye of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of electrical connection for supply type of electrical connection for supply type of electrical connection for su	,	
e ground fault detection e test function external reset reset function trip class relative repeat accurrent esponse value current of the current-dependent overload release make time with automatic start after power failure maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay ear NO contacts of auxiliary contacts of overload relay ear NO contacts of auxiliary contacts of overload relay ear NO contacts of auxiliary contacts of overload relay ear NO contacts of auxiliary contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact rating of auxiliary contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contact so fully contacts of overload relay ear NO contacts of the sole of the fully contacts of overload relay ear NO contacts of the sole of the fully contacts of overload relay ear NO contacts of the fully contacts of overload relay ear NO contacts of the fully contacts of overload relay ear NO contacts of the fully contacts of overload relay ear NO contacts of the fully conta		
• external reset reset function • external reset reset function Irip class adjustable current response value current of the current- dependent overload release make time with automatic start after power failure maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NC contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at 250 V contact rating of auxiliary contacts of overload relay • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-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 multi-phase operation at AC rated value • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with single-phase operatio		
reset function Manual, automatic and remote trip class CLASS 57 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 1	-	
reset function trip class 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 product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay at AC at 600 V at DC at 250 V ontact rating of auxiliary contacts of overload relay scoording to UL insulation voltage (UI) with single-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value of some of the solider operating class of the five link non-fusible conclusive degree of protection NEMA rating design of the housing mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder		
trip class adjustable current response value current of the current-dependent overload release make time with automatic start after power failure maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay at DC at 250 V at DC at 250 V contact rating of auxiliary contacts of overload relay with single-phase operation at AC rated value with multi-phase operation at AC rated value bisconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure degree of protection NEMA rating design of the housing mounting position fastening method type of electrical connection for supply voltage line-side lightening torque [lbf-in] for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder		
adjustable current response value current of the current-dependent overload release make time with automatic start after power failure maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V • at DC at 250 V • with multi-phase operation at AC rated value • with multi-phase operation at AC rated val		
make time with automatic start after power failure maximum relative repeat accuracy product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value operating class of the fuse link response value of switch disconnector design of fuse holder operating class of the fuse link concurse 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 maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply maximum permissible integrated accuracy 1 % 1 % 1 % 1 % 1 % 1 **	adjustable current response value current of the current-	
product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • 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 rencosure degree of protection NEMA rating design of the housing mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder	make time with automatic start after power failure	3 s
product feature protective coating on printed-circuit board number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • 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 position fastening method type of electrical connection for supply voltage line-side tightening torque [lib-in] for supply temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder tightening torque [lib-in] for load-side outgoing feeder tightening torque [lib-in] for load-side outgoing feeder tightening torque [lib-in] for load-side outgoing feeder 10 120 lib-in	relative repeat accuracy	1 %
number of NC contacts of auxiliary contacts of overload relay number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • 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 cnon-fusible operating class of the fuse link cnon-fusible mon-fusible mon-fusible design of the housing ### AX, 304 stainless steel design of the housing ### AX, 304 stainless steel design of the housing ### AX, 304 stainless steel design of the conductor for supply voltage line-side tightening torque [lbf-in] for supply 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 tightening torque [lbf-in] for load-side outgoing feeder 120 120 lbf-in		Yes
number of NO contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay • at AC at 600 V • at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value operating class of the fuse link response value of switch disconnector design of fuse holder operating class of the fuse link con-fusible conclosure 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 [libf-in] for supply temperature of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [libf-in] for load-side outgoing feeder tightening torque [libf-in] for load-side outgoing feeder 120 120 lbf-in	number of NC contacts of auxiliary contacts of overload	1
at AC at 600 V at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) with single-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value overline insulation voltage (Ui) with single-phase operation at AC rated value overline insulation voltage (Ui) with multi-phase operation at AC rated value overline insulation voltage (Ui) with multi-phase operation at AC rated value overline insulation voltage (Ui) overline insulation voltage (Ui) overline insulation voltage (number of NO contacts of auxiliary contacts of overload	1
at AC at 600 V at DC at 250 V contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) with single-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value overline insulation voltage (Ui) with single-phase operation at AC rated value overline insulation voltage (Ui) with multi-phase operation at AC rated value overline insulation voltage (Ui) with multi-phase operation at AC rated value overline insulation voltage (Ui) overline insulation voltage (Ui) overline insulation voltage (operational current of auxiliary contacts of overload relay	
contact rating of auxiliary contacts of overload relay according to UL insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • wow value of switch disconnector • 100A / 600V • design of fuse holder • non-fusible • non-fusible • con-fusible • degree of protection NEMA rating • dustproof, waterproof & resistant to corrosion Mounting/wiring mounting position • vertical • fastening method • type of electrical connection for supply voltage line-side • tightening torque [lbf-in] for supply • temperature of the conductor for supply maximum permissible material of the conductor for supply AL or CU • type of electrical connection for load-side outgoing feeder • tightening torque [lbf-in] for load-side outgoing feeder • tightening torque [lbf-in] for load-side outgoing feeder • tightening torque [lbf-in] for load-side outgoing feeder		5 A
insulation voltage (Ui) • with single-phase operation at AC rated value • with multi-phase operation at AC rated value • with multi-phase operation at AC rated value • 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 **portsupersupersupersupersupersupersupersuper	• at DC at 250 V	1 A
with single-phase operation at AC rated value with multi-phase operation at AC rated value with multi-phase operation at AC rated value Disconnect Switch		5A@600VAC (B600), 1A@250VDC (R300)
with multi-phase operation at AC rated value Disconnect Switch	insulation voltage (Ui)	
response value of switch disconnector design of fuse holder operating class of the fuse link non-fusible egree 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 material of the conductor for supply tightening torque [lbf-in] for load-side outgoing feeder	 with single-phase operation at AC rated value 	600 V
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 material of the conductor for supply tightening torque [lbf-in] for load-side outgoing feeder to non-fusible non-fusible non-fusible non-fusible AX, 304 stainless steel dustproof, waterproof & resistant to corrosion vertical Surface mounting and installation Box lug to CU type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder	with multi-phase operation at AC rated value	300 V
design of fuse holder operating class of the fuse link 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 material of the conductor for supply material of the conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder	Disconnect Switch	
operating class of the fuse link 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 material of the conductor for supply tightening torque [lbf-in] for load-side outgoing feeder to AX, 304 stainless steel 4X, 304 stainless steel 4X, 304 stainless steel 4X, 304 stainless steel 4X and stainless stainless steel 4X and stainless stainless stainless stainle	<u>'</u>	100A / 600V
degree of protection NEMA rating design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply temperature of the conductor for supply material of the conductor for supply tightening torque [lbf-in] for load-side outgoing feeder to AX, 304 stainless steel dustproof, waterproof & resistant to corrosion vertical Surface mounting and installation Box lug 120 120 lbf-in	design of fuse holder	non-fusible
degree of protection NEMA rating design of the housing Mounting/wiring mounting position fastening method type of electrical connection for supply tightening torque [lbf-in] for supply material of the conductor for supply tightening torque [lbf-in] for load-side outgoing feeder to existent to corrosion vertical Surface mounting and installation Box lug to 120 lbf-in	operating class of the fuse link	non-fusible
design of the housing Mounting/wiring wertical	Enclosure	
design of the housing Mounting/wiring wertical		4X, 304 stainless steel
Mounting/wiring vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side Box lug tightening torque [lbf·in] for supply 120 120 lbf·in 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 Box lug tightening torque [lbf·in] for load-side outgoing feeder 120 120 lbf·in		
mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply 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 tightening torque [lbf·in] for load-side outgoing feeder 120 120 lbf·in		
fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 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 tightening torque [lbf-in] for load-side outgoing feeder 120 120 lbf-in		vertical
type of electrical connection for supply voltage line-side tightening torque [lbf·in] for supply 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 120 120 lbf·in		
tightening torque [lbf-in] for supply 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 120 120 lbf-in		
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 120 120 lbf·in		
material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder 120 120 lbf-in	temperature of the conductor for supply maximum	
type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder 120 120 lbf·in	-	AL or CU
tightening torque [lbf·in] for load-side outgoing feeder 120 120 lbf·in		
		<u> </u>
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded	type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	1x (14 2/0 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible 75 °C		75 °C
material of the conductor for load-side outgoing feeder AL or CU		AL or 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		
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded 2x (16 12 AWG)		
temperature of the conductor at magnet coil maximum 75 °C	type of connectable conductor cross-sections of magnet	2x (16 12 AWG)

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=US2:17HUG92WD

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

https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG92WD

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17HUG92WD&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG92WD/certificate

1/25/2022 last modified: