## SIEMENS

## Data sheet

## US2:17EUE82WL13



Non-reversing motor starter, Size 1 3/4, Three phase full voltage, Solidstate overload relay, OLR amp range 10-40A, 240V 50Hz / 277V 60Hz coil, Combination type, 60A fusible disconnect, 60A/600V fuse clip, Encl NEMA type 4X 304 S-Steel, Water/dust tight noncorrosive, Extra-wide enclosure

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product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay; Half-size controller
General technical data	
weight [lb]	48 lb
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]	
<ul> <li>during storage</li> </ul>	-22 +149 °F
during operation	-4 +104 °F
ambient temperature	
<ul> <li>during storage</li> </ul>	-30 +65 °C
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	0 hp
• at 220/230 V rated value	0 hp
• at 460/480 V rated value	15 hp
<ul> <li>at 575/600 V rated value</li> </ul>	15 hp
Contactor	
size of contactor	Controller half size 1 3/4
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
operational current at AC at 600 V rated value	40 A
mechanical service life (switching cycles) of the main contacts typical	1000000
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	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         240 V           • at AC at 60 Hz rated value         277 V           holding power at AC minimum         8.6 W           apparent plot by power of magnet coil at AC         218 VA           apparent plot ing factor control supply voltage rated value         6.6 W           opening magnet coil at AC         25 VA           opening factor control supply voltage rated value         6.8 W           opening factor control supply voltage rated value         6.8 W           OFF-delay time         10 24 ms           OVerload protection         Yes           • ophase failure detection         Yes           • ophase failure detection         Yes           • asymmetry detection         Yes           • external reset         Yes           • external reset         Yes           • last Anction         Yes           • external reset         Yes           • asymmetry detection         Yes           • external reset         Yes           • last A cat 600 V         10 40 A           digitable current response value current of the current-         10 40 A           reset unction         Yes           • at DC at 600 V         14           optass failure orbactof auxillary		0401/
holding power at AC minimum     8.6 W       apparent holding 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     0.85 1.1       of magnet coil     50 %       percental drop-out voltage of magnet coil related to the input voltage     50 %       OPF-delay time     10 24 ms       OVerload orelay     78 %       product function     Yes       • aymmetry detection     Yes       • aymantry detection     Yes       • agend flat detection     Yes       • external rest     Yes       reset function     Yes       rest function     3 s       relative repeat accuracy     1%       product faitury protective coating on printed-circuit board     1       rumper of NC contacts of auxiliary contacts of overload     1       relative     rat AC at 600 V     1A       contact rating of auxiliary contacts of overload relay     600 V       evalt rating of auxiliary contacts of overload relay       evalt rating	at AC at 50 Hz rated value	240 V
separent pick-up power of magnet coil at AC         218 VA           separent holding power of magnet coil at AC         25 VA           operating range factor control supply votage rated value         0.85 1.1           of magnet coil         50 %           percental drop-out voltage of magnet coil related to the input votage         19 29 ms           ON-delay time         19 24 ms           Overload protection         Yes           • passe failure detection         Yes           • asymmetry detection         Yes           • external reset         Yes           • external reset         Yes           • external reset         Yes           reset function         Manual, automatic and remote           trip class         0 40 A           relative repeat accuracy         1 %           relative repeat accuracy         1 %           relative repeat accuracy         1 %           operating of Xaxiliary contacts of overload relay         1           ext AC at 600 V         5 A           • at AC at 600 V         5 A		
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           of magnet coil         50 %           mput voltage         50 %           ON-delay time         19 29 ms           OFF-delay time         10 24 ms           Overlaad ratay         Yes           product function         Yes           • phase failure detection         Yes           • ground fault detection         Yes           • external reset         Yes           reset function         Manual, automatic and remote           10 40 A         10 40 A           dependent overload release         10 40 A           inproduct fault reprotective coating on printed-circuit board         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay <t< td=""><td></td><td></td></t<>		
operating range factor control supply voltage rated value of magnet coll         0.85 1.1           percental drop-out voltage of magnet coll related to the input voltage         50 %           ON-delay time         19 29 ms           OFF-delay time         10 24 ms           voltage of the solution of the soluthe solution of the solution of the solution of the sol		
of magnet coil       50 %         input voltage       50 %         ON-delay time       19 29 ms         OFF-delay time       10 24 ms         Overload relay       relation         yes       9         e phase failure detection       Yes         e asymmetry detection       Yes         e asymmetry detection       Yes         e set function       Yes         e external reset       Yes         e external reset       Yes         reset function       Yes         external reset       Yes         reset function       10 40 A         tripping time at phase-loss maximum       3 s         relative repeat accuracy       1 %         product function at aphrae-loss maximum       3 s         relative repeat accuracy       1 %         product function at aphrae-loss of overload relay       1         relative roles de faustiliary contacts of overload relay       5 A         e at Cat 300 V       1 A         contact rating of auxillary contacts of overload relay		
input voltage         9         29 ms           OFF-delay time         10         24 ms           Overload rolay             product function         Yes            • overload protection         Yes            • overload protection         Yes            • exerimetry detection         Yes            • externmetry detection         Yes            • extern response value current of the current         10         40 A           digustable current response value current of the current         10         40 A           product feature protective coating on printed-circuit board         19         20 A           product feature protective coating on printed-circuit board         1         1           relay         at AC at 600 V         5 A         3 A           • at DC at 250 V         1A         5 A         30 V <td>of magnet coil</td> <td></td>	of magnet coil	
OFF-delay time       10 24 ms         Overload relay       product function         • overload protection       Yes         • phase failure detection       Yes         • asymmetry detection       Yes         • estimation       Yes         • estimation       Yes         • estimation       Yes         • estemation       Yes         • estemation       Yes         reset function       Manual, automatic and remote         trip class       GLASS 5 / 10 / 20 (factory set) / 30         adjustable current response value current of the current-       delass 5 / 10 / 20 (factory set) / 30         adjustable current response value current of the current-       delass 5 / 10 / 20 (factory set) / 30         adjustable current response value current of the current-       delass for 0 / 20 (factory set) / 30         relay       3 s       relay         product feature protective coating on printed-circuit board       10 40 A         relay       according to NC contacts of auxiliary contacts of overload relay       1         operation al Current of auxiliary contacts of overload relay       5 A         eat DC at 250 V       1A       5 A@@00VAC (B600), 1A@250VDC (R300)         insultation voltage (UI)       • with single-phase operation at AC rated value		50 %
Ovarload ralay           product function           • versed protection           • symmetry detection           • asymmetry detection           • ercound fault detection           • external reset           • est function           trip class           clustable current response value current of the current- dependent vertical release           1040 A           diptable current response value current of the current- dependent vertical release           11           relative repeat accuracy           12           product feature protective coating on printed-circuit board           number of NC contacts of auxiliary contacts of overload           relay           • et AC at 600 V           • et AC at 260 V           • et AC at 250 V           <	ON-delay time	19 29 ms
product function         Yes           • orbase failure detection         Yes           • optimase failure detection         Yes           • asymmetry detection         Yes           • esternal reset         Yes           reset function         Yes           • external reset         Yes           adjustable current response value current of the current- dependent overload release         CLASS 6/10 / 20 (factory set) / 30           tripping time at phase-loss maximum         3 s           relative repeat accuracy         1%           product feature protective coating on printed-circuit board relay         1%           ourmet of NC contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay according to UL         5A           inisulation voltage (Ui)         4A C at 800 V         5A           contact rating of auxiliary contacts of overload relay according to UL         5A@600VAC (B600), 1A@250VDC (R300)           insulation voltage (Ui)         • with multi-phase operation at AC rated value         600 V           oot of switch         Class R fuse clips         00 V           operating class of the fuse link         Class R         Class R           Enclosuro         design of the housing         4X, 304 stainless steel	OFF-delay time	10 24 ms
	Overload relay	
Phase failure detection     Yes     asymmetry detection     Yes     asymmetry detection     Yes     ground fault detection     Yes     external reset     Yes     external reset     Yes     reset function     Unclose     adjustable current response value current of the current-     dependent verhoad release     tripping time at phase-loss maximum     3 s     relative repotentive coating on printed-circuit boat     relay     rounder of NC contacts of auxiliary contacts of overload     relay     outpend function outpendential outpendenteria	product function	
e asymmetry detection     yes     ground fault detection     Yes     external reset     test function     Yes     external reset     yes     external reset     Yes     reset function     Manual, automatic and remote     trip class     adjustable current response value current of the current-     dependent overload release     1040 A     defendent overload release     relative repeat accuracy     1%     product feature protective coating on printed-circuit board     relative repeat accuracy     1%     product feature protective coating on printed-circuit board     relative repeat accuracy     1%     product feature protective coating on printed-circuit board     relay     enter of NC contacts of auxiliary contacts of overload     relay     enter of NC contacts of auxiliary contacts of overload     relay     eat AC at 600 V	<ul> <li>overload protection</li> </ul>	Yes
	<ul> <li>phase failure detection</li> </ul>	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 relay       1 %         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay et AC at 600 V       5 A         et AC at 600 V       5 A         et 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)       600 V         e with multi-phase operation at AC rated value       600 V         operating class of the fuse link       Class R fuse clips         operating class of the fuse link       Class R         findegroup       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       Surface mounting and installation         Mounting/wiring       surface mounting and installation         type of electrical connec	<ul> <li>asymmetry detection</li> </ul>	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           operational current of auxiliary contacts of overload relay         1           • at AC at 600 V         5 A           • at AC at 600 V         5 A           • at DC at 250 V         5 A           contact raing of auxiliary contacts of overload relay according to UL         5A@@600VAC (B600), 1A@250VDC (R300)           insulation voltage (UI)         600 V           • with mult-phase operation at AC rated value         300 V           Disconnect Switch         Class R fuse clips           operation Ig class of the fuse link         Class R           Enclosure         degree of protection NEMA rating           design of the sus inside         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box. Jg	<ul> <li>ground fault detection</li> </ul>	Yes
reset function         Manual, automatic and remote           trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current reponse 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           operational current of auxiliary contacts of overload relay eact AC at 600 V         5 A           e 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)         600 V           e with multi-phase operation at AC rated value         600 V           operational current of switch disconnector         600 V           design of fuse holder         Class R fuse clips           operational current of switch disconnector         600 V           design of fuse holder         Class R fuse clips           operation at AC rated value         300 V           Disconnect Switch         Class R           response value of switch disconnector         600 / 600V           design of fuse holder         Class R	test function	Yes
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 relay       1 %         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5 A         operational current of auxiliary contacts of overload relay       5 A         outstage (Ui)       600 V         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to UL       600 V         insulation voltage (Ui)       600 V         • with multi-phase operation at AC rated value       600 V         operating class of the fuse link       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       Surface mounting and installation	external reset	Yes
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       1%         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay eat 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         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         0       500 V <b>Disconnect Switch</b> 600 V         design of fuse holder       Class R fuse clips         coparating class of the fuse link       Class R <b>Enclosure</b> 6ustproof, waterproof & resistant to corrosion         Mounting position       vertical         fastening method       Surface mounting and installation         type of connectable conductor for supply voltage line-side at AWG cables single or multi-stranded       1x (14 2 AWG)	reset function	Manual, automatic and remote
dependent overload release         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       1         operational current of auxiliary contacts of overload relay according to UL       5 A         insulation voltage (UI)       5 A         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       Vertical         fastening method       Surface mounting and installation<	trip class	CLASS 5 / 10 / 20 (factory set) / 30
In the original system       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         number of NC contacts of auxiliary contacts of overload       1         relay       1         operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       5 A         contact rating of auxiliary contacts of overload relay       5 A@600VAC (B600), 1A@250VDC (R300)         according to UL       5A         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         design of the housing       4X, 304 stainless steel         design of the housing       4X, 304 stainless steel         design of the housing       Surface mounting and installation         type of connectable connection for supply voltage line-side       Box lug         tightening torque [lbFin] for supply       35 35 lbF-in<		
product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         number of NC contacts of auxiliary contacts of overload       1         relay       1         operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       60A / 600V         response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       design of the housing         design of the housing       4X, 304 stainless steel         design of the housing       Surface mounting and installation         Mounting/wiring       vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side at AVG cabl	tripping time at phase-loss maximum	3 s
product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         number of NO contacts of auxiliary contacts of overload       1         relay       1         operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5 A@600VAC (B600), 1A@250VDC (R300)         according to UL       600 V         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R fuse clips         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position         mounting position       vertical         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       1x (14 2 AWG)		1 %
number of NC contacts of auxiliary contacts of overload       1         number of NO contacts of auxiliary contacts of overload       1         operational current of auxiliary contacts of overload relay       • at AC at 600 V         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A@600VAC (B600), 1A@250VDC (R300)         according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       60A / 600V         response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         design of the housing       4X, 304 stainless steel         design of the housing       Surface mounting and installation         Mounting/wiring       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       <	· · · · · · · · · · · · · · · · · · ·	Yes
number of NO contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to UL       5 A@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       600 V <b>Disconnect Switch</b> 60A / 600V         response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wring       mounting position         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         tightening torque [lbf-in] for supply       75 °C	number of NC contacts of auxiliary contacts of overload	1
• 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         600 V         300 V           Disconnect Switch         600 / Class R fuse clips         00 V           design of fuse holder         Class R fuse clips         00 V           operating class of the fuse link         Class R         Class R           degree of protection NEMA rating         4X, 304 stainless steel         design of the housing           dustproof, waterproof & resistant to corrosion         Mounting/wiring         vertical           fastening method         Surface mounting and installation         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug         1x (14 2 AWG)           tightening torque [lbf-in] for supply         35 35 lbf-in         1x (14 2 AWG)		1
• 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       600 V       00 V         • with multi-phase operation at AC rated value       600 V       00 V         • with multi-phase operation at AC rated value       600 V       00 V         • with multi-phase operation at AC rated value       600 V       00 V         ewith multi-phase operation at AC rated value       600 V       00 V         ewith multi-phase operation at AC rated value       600 V       00 V         degree of switch disconnector       60A / 600V       Class R fuse clips         operating class of the fuse link       Class R       Class R         Enclosure       degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side at AWG cables single or multi-stranded       Box lug         tighetning torque [lbf in] for supply       35 35 lbf ·in	operational current of auxiliary contacts of overload relay	
contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       60A / 600V         response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       vertical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       1x (14 2 AWG)		5 A
contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       ustproof, waterproof & resistant to corrosion         Mounting/wiring       vertical         fastening method       Surface mounting and installation         type of electrical connector for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       1x (14 2 AWG)	• at DC at 250 V	1 A
insulation voltage (Ui)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       60A / 600V         response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       4X, 304 stainless steel         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         temperature of the conductor for supply maximum       75 °C	contact rating of auxiliary contacts of overload relay	5A@600VAC (B600), 1A@250VDC (R300)
<ul> <li>with single-phase operation at AC rated value</li> <li>with multi-phase operation at AC rated value</li> <li>300 V</li> <li>Disconnect Switch</li> <li>response value of switch disconnector</li> <li>60A / 600V</li> <li>design of fuse holder</li> <li>Class R fuse clips</li> <li>operating class of the fuse link</li> <li>Class R</li> <li>Enclosure</li> <li>degree of protection NEMA rating</li> <li>dx, 304 stainless steel</li> <li>design of the housing</li> <li>dustproof, waterproof &amp; resistant to corrosion</li> <li>Mounting/wiring</li> <li>mounting position</li> <li>vertical</li> <li>fastening method</li> <li>Surface mounting and installation</li> <li>type of electrical connection for supply voltage line-side</li> <li>for supply</li> <li>35 35 lbf-in</li> <li>tx (14 2 AWG)</li> <li>tx (14 2 AWG)</li> </ul>		
<ul> <li>with multi-phase operation at AC rated value</li> <li>300 V</li> <li>Disconnect Switch</li> <li>response value of switch disconnector</li> <li>60A / 600V</li> <li>design of fuse holder</li> <li>Class R fuse clips</li> <li>operating class of the fuse link</li> <li>Class R</li> <li>Enclosure</li> <li>degree of protection NEMA rating</li> <li>dx, 304 stainless steel</li> <li>design of the housing</li> <li>dustproof, waterproof &amp; resistant to corrosion</li> <li>Mounting/wiring</li> <li>mounting position</li> <li>vertical</li> <li>fastening method</li> <li>Surface mounting and installation</li> <li>type of electrical connection for supply voltage line-side</li> <li>Box lug</li> <li>tightening torque [lbf-in] for supply</li> <li>35 35 lbf-in</li> <li>tx (14 2 AWG)</li> <li>ta AWG cables single or multi-stranded</li> <li>temperature of the conductor for supply maximum</li> <li>75 °C</li> </ul>	<b>-</b> ( )	600 V
Disconnect Switch         response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       75 °C		
response value of switch disconnector       60A / 600V         design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       75 °C	· · ·	
design of fuse holderClass R fuse clipsoperating class of the fuse linkClass REnclosuredegree of protection NEMA rating4X, 304 stainless steeldesign of the housingdustproof, waterproof & resistant to corrosionMounting/wiringmounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply35 35 lbf-intype of connectable conductor cross-sections at line-side1x (14 2 AWG)at AWG cables single or multi-stranded75 °C		60A / 600V
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Enclosure         degree of protection NEMA rating       4X, 304 stainless steel         design of the housing       dustproof, waterproof & resistant to corrosion         Mounting/wiring       mounting position         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       75 °C		
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Mounting/wiring         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbf-in] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side       1x (14 2 AWG)         at AWG cables single or multi-stranded       75 °C		
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at AWG cables single or multi-stranded         temperature of the conductor for supply maximum         75 °C		
· · · · · · · · · · · · · · · · · · ·		1x (14 2 AWG)
	1 11 2	75 °C
material of the conductor for supply AL or CU	material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder Screw-type terminals	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	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)	cables for load-side outgoing feeder single or multi-	
temperature of the conductor for load-side outgoing feeder 75 °C 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	2x (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	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=US2:17EUE82WL13				
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17EUE82WL13				
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17EUE82WL13⟨=en				
Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17EUE82WL13/certificate				

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