## SIEMENS

## Data sheet

## US2:17HUG82NL14



Non-reversing motor starter, Size 3, Three phase full voltage, Solid-state overload relay, OLR amp range 25-100A, 240V 50Hz / 277V 60Hz coil, Combination type, 100A fusible disconnect, 100A/250V fuse clip, Enclosure NEMA type 4/12, Water/dust tight for outdoors, Extra-wide enclosure

product brand name	Class 17
design of the product	Non-reversing motor starter with fusible disconnect
special product feature	ESP200 overload relay
General technical data	
weight [lb]	81 lb
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	
<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	20 hp
• at 220/230 V rated value	25 hp
• at 460/480 V rated value	0 hp
• at 575/600 V rated value	0 hp
Contactor	
size of contactor	NEMA controller size 3
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	90 A
mechanical service life (operating cycles) of the main contacts typical	500000
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 50 Hz rated value	240 V
• at AC at 60 Hz rated value	277 V
holding power at AC minimum	14 W
apparent pick-up power of magnet coil at AC	310 VA

appendix including power or insignate contract scape where a contract or in scale contract in scale contract or in scale contract or in scale contract in in sca	ennegrant helding neuron of mean at apil at A.C.	26 VA
image to du         percental for out witing of magned coll related to the input         50 %           overlage         2041 ms           OFF-dealy time         2041 ms           overlage protection         Yes           overlage protection         Yes           overlage protection         Yes           overlage protection         Yes           overlage instep         Yes           overlage instep         Yes           adjuitable current response value current of the current-         20100 A           adjuitable current response value current of the current-         20100 A           protect feature protection conting or printed-circuit bard         Yes           matter of NO contacts of audulary contacts of overlage relation         1100 A           overlation audulary contacts of overlage relation         5.4           overlation audulary contacts of overlage relation         5.4           overlation audulary contacts of overlage relation         5.4	apparent holding power of magnet coil at AC	
votage         2641 ms           OF-delay time         2641 ms           OF-delay time         2641 ms           Product function         Yes           • overload protection         Yes           • overload function         Set           • overload function		0.00 1.1
OPE-data by time         14 10 ms           Outload Intakin         Yes           • overload protection         Yes           • symmetry detection         Yes           • symmetry detection         Yes           • symmetry detection         Yes           • set function         Yes           • estimation         Yes           • estimation         Yes           • estimation         Yes           • estimation         Yes           optimation of the content of the current         25 100 A           optimation of the content of the current of th		50 %
Overhaal rates         Product function                everlaad protection              • Verlaad protection               Verlaad protection                 • everlaad protection               Verlaad protection               Verlaad                 • everlaad totelection               Verlaad               Verlaad                 • everlaad totelection               Verlaad               Verlaad                 • everlaad totelection               Verlaad               Verlaad                 verlaad totelection               Verlaad               Verlaad                 verlaad totelection               Verlaad               Verlaad                 verlaad totelection               Verlaad               Verlaad                 verlaad	ON-delay time	26 41 ms
product function         Yes           • Verficing protection         Yes           • symmetry detection         Yes           • symmetry detection         Yes           • symmetry detection         Yes           • estimal freet         Yes           • estimal freet         Yes           • estimal freet         Yes           • product facture process value current of the current- digitable current response value current of the current- digitable current of swalling contacts of overfoad relay         1           relative reports accuracy         1%         1           relative reports accuracy         1%         1           opport facture of the contacts of availage contacts of overfoad relay         1           relative reports accuracy         5 Å         1           opport facture of the contacts of availage contacts of overfoad relay         5 Å           • at Data 250 V         1 Å           response value of swalth ocntacts of overfoad relay according to 10 Å / 250V         5 Å           • with multip-phase operation at AC rated value         300 V           • with multip-phase operation at AC rated value         300 V <tr< td=""><td>OFF-delay time</td><td>14 19 ms</td></tr<>	OFF-delay time	14 19 ms
vesified protectionYes• everlated protectionYes• aryinnery detectionYes• oround fault detectionYes• est functionYes• est functionYes• est functionYes• est functionYes• est functionYes• first functionYes• first functionYes• est functionYes• first functionYes• end for	Overload relay	
• phase failure detectionYes• symmetry detectionYes• ground failur detectionYes• estartiant detectionYes• estartiant faselYes• detection faselZes• detection faselZes• detection faselZes• detection faselZes• detection faselZes• detection faselSes• detection faselSes </td <td>product function</td> <td></td>	product function	
• asymmetry detectionYes• orpond faut detectionYes• elst functionYes• actornal resetYes• actornal resetSA• actornal resetSA• actornal resetSA• actornal resetSA• actornal resetYes• actornal resetYes• actornal resetSA• actornal resetSA• actornal resetSA• actornal resetSA• actornal resetYes• actornal resetYes• actornal resetYes• a	<ul> <li>overload protection</li> </ul>	Yes
• prinnt fault defectionYes• estar functionManual, automatic and remotereset functionManual, automatic and remoteregister functionManual, automatic and remoteregister functionCLASS / 10 / 20 (factory set) / 30register function release25 100 Åregister function release3 sreleave repeat accuracy1 %releave repeat accuracy1 %number of NC contacts of autiliary contacts of overload reley1• orded field release1operational current of autiliary contacts of overload reley1• at AC at 800 /5 Å• at CA at 800 /600 /• at the function of autility contacts of overload relay according to5 Å• at CA at 800 /600 /• at the function of autility contacts of overload relay according to100 /• at the function overload of at AC rated value600 /• at the function overload of the	phase failure detection	Yes
	<ul> <li>asymmetry detection</li> </ul>	Yes
• external resetYesreset functionCLASS 57 10 / 20 (factory set) / 30adjustable current fresponse value current of the current25 100 Adependent ourder darketsase25 100 Atripping time at phase-loss maximum3 sproduct feature protective coating on printed circuit boardYesnumber of NC contacts of auxiliary contacts of overload relay1onther of NC contacts of auxiliary contacts of overload relay1onther of NC contacts of auxiliary contacts of overload relay1onther of NC contacts of auxiliary contacts of overload relay5 A- at OC at 250 V5 A- at OC at 250 V5 A- at OC at 250 V5 A- at OC at 250 V600 V- with single-phase operation at AC rated value600 V• order of the loss IntCiass R Rue cips• order of the loss IntCiass RPersoner SwitchCiass REndosureCiass R Rue cips• order on uniting and installationS - 100 W(S)• order on uniting and installationS - 100 W(S) <td>ground fault detection</td> <td>Yes</td>	ground fault detection	Yes
reset function         Manual, automatic and remote           trip class         CLASS 6 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overfload release         25 100 Å           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           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         5A           e at DC at 250 V         5A           ot DC at 250 V         5A           outs at trip of auxiliary contacts of overload relay according to U.         5A@@00VAC (B800), 1A@250VDC (R300)           uwith multi-phase operation at AC rated value         600 V           owith multi-phase operation at AC rated value         600 V           oesing of the housing         design of the housing           design of the housing         dustproof, waterproof & weatherproof           Mounting position         vertical           fast	test function	Yes
trip cless         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value aurrent of the current- dependent coercload release         25 100 A           tripping time at phase-loss maximum         3 s           relative repeat accuracy         1 %           product feature protective coating on prited-circuit board         Yes           number of NC contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay         1           et AC at Co V         5 A	external reset	Yes
adjustable current response value current of the current- dependent overload release       25 100 A         tripping time at phase-loss maximum       3 s         reletive repeat accuracy       1 %         product feature protective coaling on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload relay       1         • at AC at 800 V       5 A         • at CC at 280 V       5 A         • at CC at 800 V       5 A         • with single-phase operation at AC rated value       600 V         • with mith-phase operation at AC rated value       600 V         • with mith-phase operation at AC rated value       600 V         • with mith-phase operation at AC rated value       600 V         • with mith-phase operation at AC rated value       600 V         • with mith-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       600 V         • with mith-phase operation at AC rated value       600 V         • with mith-phase operation at AC rated value       700 C         • colosure       Galosa file       Galosa file	reset function	Manual, automatic and remote
dependent overlaad release         3 s           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           operational current of auxiliary contacts of overload relay         5 Å           • at OC at 250 V         1 Å           contact rating of auxiliary contacts of overload relay         5 Å           • at OC at 250 V         1 Å           contact rating of auxiliary contacts of overload relay according to         5 Å@600VAC (6000), 1 Å@250VDC (R300)           uit         insulfation voltage (U)         •           • with single-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         000 V           • with multi-phase operation at AC rated value         000 V           • with multi-phase operation at AC rated value         000 V           • with multi-phase operation at AC rated value         000 V           • with multi-phase operation at AC rated value         000 V           • with multi-phase operation at AC rated value         500 V           • esponse value of switch disconmect	trip class	CLASS 5 / 10 / 20 (factory set) / 30
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         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5 A         • at DC at 250 V       1A         contact rating of auxiliary contacts of overload relay according to       5A@@00VAC (B600), 1A@250VDC (R300)         U.       usiliation voltage (U)       5A         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       00 V         • with multi-phase operation at AC rated value       00 V         • with multi-phase operation at AC rated value       00 V         • with multi-phase operation at AC rated value       00 V         • esponse value of switch disconnector       100A / 250V         Gesign of thus holder       Class R fuse clips         Operating class of the fuse link       Class R fuse clips         Enclosure       Surface mounting and instalation         Mounting/Winfing       Surface mounting and instalation         Mounting/Winfing       120 120 Ibrin		25 100 A
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       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 280 V     1 A       contract rating of auxiliary contacts of overload relay according to U.     5A@@600VAC (B600), 1A@250VDC (R300)       Insulation voltage (U)     • with single-phase operation at AC rated value     600 V       • with with phase operation at AC rated value     600 V     00 V       • with multi-phase operation at AC rated value     600 V     00 V       Operating class of the fuse link     Class R fuse clips     00 V       Descrine     100A / 250V     Class R fuse clips     00 V       Operating class of the fuse link     Class R fuse clips     00 V       Descrine     0     V     00 V       Mounting/Writing     Vertical     00 V       Mounting position     surface mounting and installation     10 V (20 V)       type of electrical connection for supply voltage line-side     Box lug     10 V (10 V)       tightening torque [brin] for class sections at line-side for     10 A VG)     10 A UG       type of electrical connection for sup	tripping time at phase-loss maximum	3 s
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         • at AC at 600 V       5 A         • at DC at 250 V       1 A         Contact rating of auxiliary contacts of overload relay according to       5 A@600VAC (B600), 1A@250VDC (R300)         UL       insulation voltage (U)       600 V         • with single-phase operation at AC rated value       300 V         Disconnect Switch       7         response value of switch disconnector       100A / 250V         design of these holder       Class R fuse clips         operating class of the fuse link       Class R         Evolution       8         Mounting/wifng       wetrical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box ku         type of electrical connection for supply voltage line-side for       1x (14 1/0 AWG)         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing fee	relative repeat accuracy	1 %
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 U.     5 A       • at DC at 250 V     1 A       contact rating of auxiliary contacts of overload relay according to U.     5 A       • with single-phase operation at AC rated value     600 V       • with multi-phase operation at AC rated value     800 V       • early in the holder     Class R       Operating class of the fuse link     Class R       Enclosure     600 V       operating class of the fuse link     Class R       Enclosure     600 V       design of the solider     Class R       mounting position     vertical       fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side     Box kg       tightening torque (libr in for supply     120 120 librin       type of connectable conductor cross-sections at line-side for     100 M/G       AVG Cables single or multi-stranded     Box kg       tightening torque (librin) for supply     AL or CU       type of connectable conductor cross-sections of AWC cables     10 K/1 20 AWG)       type of connectable conductor or supply voltage line-side     120 120 lib	product feature protective coating on printed-circuit board	Yes
operational current of auxiliary contacts of overload relay       5 A         at AC at 600 V       5 A         at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       • with single-phase operation at AC rated value       600 V         9 connect Switch       500 V       300 V         response value of switch disconnector       100A / 250V         Geisgn of tase holder       Class R fuse clips         opperating dass of the fuse link       Class R fuse clips         Enclosure       design of the housing       dustproof, waterproof & weatherproof         Mounting/wring       vertical       sample         mounting position       vertical       120 120 IbFin         type of electrical connection for supply woltage line-side for AVWG cables and the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       120 120 IbFin         type of electrical connection for load-side outgoing feeder       120 120 IbFin         type of electrical connection for load-side outgoing feeder       120 120 IbFin         type of electrical connection for load-side outgoing feeder       120 120 IbFin         type of electrical connecton for load-side outgoing feeder	number of NC contacts of auxiliary contacts of overload relay	1
• at AC at 600 V       5 A         • at DC at 250 V       1A         contact rating of auxiliary contacts of overload relay according to UL       5A         Insulation votage (UI)       5A         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         • design of these holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosure       design of the housing         Mounting/wring       wertical         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side for       1x (1 4 1/0 AWG)         type of onnectable conductor cross-sections at line-side for       1x (1 4 1/0 AWG)	number of NO contacts of auxiliary contacts of overload relay	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 vottage (U)         600 V           • with single-phase operation at AC rated value         600 V           • with single-phase operation at AC rated value         300 V           Disconnect Switch         600 V           response value of switch disconnector         100A / 250V           operating class of the fuse link         Class R fuse clips           operating of the housing         dustproof, waterproof & weatherproof           Mounting/wining         wetrical           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         120 120 lbf:in           type of onectable conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         120 120 lbf:in           type of electrical connection for load-side outgoing feeder         120 120 lbf:in           type of electrical connection for load-side outgoing feeder         120 120 lbf:in           type of onectable conductor for load-side outgoing feeder         120 120 lbf:i	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 (U)         • with single-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         600 V <b>Disconnect Switch</b> response value of switch disconnector         100A / 250V           design of fuse holder         Class R fuse clips         0           operating class of the fuse link         Class R         Enclosure           design of the housing         dustproof, waterproof & weatherproof         Monting/winfing           mounting position         vertical         Starface mounting and installation           type of electrical connection for supply voltage line-side         Box lug         120 120 lbfin           type of electrical connection for supply maximum permissible         Tx (14 1/0 AWG)         Tx (14 1/0 AWG)           AVG cables single or multi-stranded         Tx (2 120 lbfin         Type of electrical connection for supply maximum permissible           fightening torque [lbf-In] for load-side outgoing feeder         Box lug         120 120 lbfin           type of electrical connection for load-side outgoing feeder         120 120 lbfin         Type of electrical connection for load-side outgoing feeder	• at AC at 600 V	5 A
UL     Insulation voltage (Ui)       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     100A / 250V       design of fuse holder     Class R fuse clips       operating class of the fuse link     Class R       Enclosure     4ustproof, waterproof & weatherproof       Mounting/wing     wertical       mounting position     vertical       fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side     Box lug       tightening forque [Ibr-in] for supply     120 120 Ibrin       type of electrical connection for supply maximum permissible     75 °C       material of the conductor for load-side outgoing feeder     Box lug       tightening torque [Ibr-in] for load-side outgoing feeder     Box lug       tightening torque [Ibr-in] for load-side outgoing feeder     Box lug       tightening torque [Ibr-in] data-side outgoing feeder     Box lug       tightening torque [Ibr-in] for load-side outgoing feeder     Box lug       tightening torque [Ibr-in] for load-side outgoing feeder     Box lug       tightening torque [Ibr-in] for load-side outgoing feeder     Box lug       tightening torque [Ibr-in] for load-side outgoing feeder     Box lug <td< td=""><td>• at DC at 250 V</td><td>1 A</td></td<>	• at DC at 250 V	1 A
• with single-phase operation at AC rated value         600 V           • with multi-phase operation at AC rated value         300 V           Disconnect Switch         78000 V           response value of switch disconnector         100A / 250V           design of fuse holder         Class R fuse clips           operating class of the fuse link         Class R fuse clips           Enclosure         dustproof, waterproof & weatherproof           Mounting/wiring         wetrical           mounting opsition         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           type of electrical connection for supply maximum permissible         75 °C           Temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         120 120 lbf-in           type of electrical connection for load-side outgoing feeder         120 120 lbf-in           type of electrical connection for load-side outgoing feeder         120 120 lbf-in           type of electrical connection or load-side outgoing feeder         120 120 lbf-in           type of electrical connection or load-side outgoing feeder		5A@600VAC (B600), 1A@250VDC (R300)
with multi-phase operation at AC rated value     300 V      Disconnect Switch      response value of switch disconnector     100A / 250V     design of fuse holder     Class R fuse clips     operating class of the fuse link     Class R      Enclosure      design of the housing     dustproof, waterproof & weatherproof Mounting/wiring     mounting position     vertical     fastening method     Surface mounting and installation     type of electrical connection for supply voltage line-side     type of of encoductor cross-sections at line-side for     AVG cables single or multi-stranded     type of connectable conductor for load-side outgoing feeder     type of electrical connection for load-side outgoing feeder     type of electrical connector for load-side outgoing feeder     type of connectable conductor for load-side outgoing feeder     type of electrical connector for load-side outgoing	insulation voltage (Ui)	
Disconnect Switch         100A / 250V           design of fuse holder         Class R fuse clips           operating class of the fuse link         Class R           Enclosure         Class R           design of the housing         dustproof, waterproof & weatherproof           Mounting viring         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           type of electrical connection for supply voltage line-side         Box lug           type of connectable conductor cross-sections at line-side for         AVK cables single or multi-stranded           AVWC cables single or multi-stranded         Tx (14 1/0 AWG)           type of electrical connection for toad-side outgoing feeder         Box lug           tightening torque [lbf-in] for load-side outgoing feeder         Box lug           tightening torque [lbf-in] for load-side outgoing feeder         Box lug           tightening torque [lbf-in] for load-side outgoing feeder         120 120 lbf-in           type of electrical connection for load-side outgoing feeder         120 120 lbf-in           type of electrical connection of load-side outgoing feeder         75 °C           temperature of the conductor for load-side outgoing feeder         75 °C           temperature of the conductor for	<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
response value of switch disconnector       100A / 250V         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       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position         restening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [Ibf-in] for supply       120 120 Ibf-in         type of connectable conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       Box lug         tightening torque [Ibf-in] for load-side outgoing feeder       120 120 Ibf-in         type of electrical connection for load-side outgoing feeder       Box lug         tightening torque [Ibf-in] for load-side outgoing feeder       120 120 Ibf-in         type of electrical connection for load-side outgoing feeder       120 120 Ibf-in         type of electrical connection for load-side outgoing feeder       120 120 Ibf-in         type of electrical connector for load-side outgoing feeder       120 120 Ibf-in         type of electrical connector for load-side outgoing feeder       120 120 Ibf-in         type of electrical connector for loa	a with multiphono anarctics at AO rate develop	200 \/
design of fuse holder       Class R fuse clips         operating class of the fuse link       Class R         Enclosuro       dustproof, waterproof & weatherproof         Mounting/wing       dustproof, waterproof & weatherproof         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       120 120 lbf-in         type of connectable conductor cross-sections at line-side for AVG cables single or multi-stranded       Tx (14 1/0 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       Box lug         tightening torque [lbf-in] for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       120 120 lbf-in         type of connectable conductor for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for load-side outgoing feeder       120 120 lbf-in         type of electrical connection for magnet coil       Screw-type terminals	<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
operating class of the fuse link         Class R           Enclosure         design of the housing         dustproof, waterproof & weatherproof           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         120 120 lbf-in           Yupe of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         1x (14 1/0 AWG)           AWG cables single or multi-stranded         75 °C           material of the conductor for supply maximum permissible         75 °C           remperature of the conductor cross-sections for AWG cables for load-side outgoing feeder         120 120 lbf-in           type of electrical connecton for load-side outgoing feeder         1x (14 2/0 AWG)           temperature of the conductor for load-side outgoing feeder         120 120 lbf-in           type of electrical connecton for load-side outgoing feeder         1x (14 2/0 AWG)           for load-side outgoing feeder single or multi-stranded         1x (14 2/0 AWG)           temperature of the conductor for load-side outgoing feeder         1x (14 2/0 AWG)           material of the conductor for load-side outgoing feeder         2 C ° ° ° C           material of the conductor for load-side out		300 V
Enclosure           design of the housing         dustproof, waterproof & weatherproof           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         120 120 lbf-in         type of electrical connection for supply maximum permissible           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for supply         AL or CU           type of connectable conductor for supply         L20 120 lbf-in           type of electrical connection for load-side outgoing feeder         Box lug           tightening torque [lbf-in] for load-side outgoing feeder         Box lug           tightening torque [lbf-in] for load-side outgoing feeder         120 120 lbf-in           type of connectable conductor for supply         AL or CU           type of connectable conductor for load-side outgoing feeder         1x (14 2/0 AWG)           for load-side outgoing feeder         75 °C           maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         120 120 lbf-in           type of electrical connection of magnet coil         5 12 lbf-in           type of electr	Disconnect Switch	
design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [lbrin] for supply       120 120 lbrin         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       120 120 lbrin         type of electrical connection for load-side outgoing feeder       120 120 lbrin         type of electrical connection for load-side outgoing feeder       120 120 lbrin         type of electrical connection for load-side outgoing feeder       120 120 lbrin         type of electrical connection for load-side outgoing feeder       120 120 lbrin         type of electrical connection for load-side outgoing feeder       120 120 lbrin         type of electrical connection for load-side outgoing feeder       120 120 lbrin         type of electrical connection of magnet coil       Screw-type terminals         tightening torque [lbrin] at magnet coil       Screw-type terminals         tightening torque [lbrin] at magnet coil maximum       75 °C         maximum permissible       2x (16 12 A	Disconnect Switch response value of switch disconnector	100A / 250V
Mounting/wiring         mounting position       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         tightening torque [Ibf-in] for supply       120 120 Ibf-in         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded       1x (14 1/0 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       Box lug         tightening torque [Ibf-in] for load-side outgoing feeder       Box lug         tightening torque [Ibf-in] for load-side outgoing feeder       Box lug         tightening torque [Ibf-in] for load-side outgoing feeder       120 120 Ibf-in         type of connectable conductor for load-side outgoing feeder       1x (14 2/0 AWG)         temperature of the conductor for load-side outgoing feeder       1x (14 2/0 AWG)         temperature of the conductor for load-side outgoing feeder       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 [Ibf-in] at magnet coil       5 12 Ibf-in         type of electrical conductor at magnet coil for       2x (16 12 AWG)	Disconnect Switch response value of switch disconnector design of fuse holder	100A / 250V Class R fuse clips
mounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply120 120 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder120 120 lbf-intype of connectable conductor for load-side outgoing feeder120 120 lbf-intype of connectable conductor for load-side outgoing feeder1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder1x (14 2/0 AWG)type of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of electrical connection of magnet coil5 12 lbf-intype of electrical connector at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Ctype of electrical connection of magnet coil5 12 lbf-intype of electrical	Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link	100A / 250V Class R fuse clips
fastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply120 120 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of electrical connection for load-side outgoing feeder120 120 lbf-intype of connectable conductor for load-side outgoing feeder120 120 lbf-intype of electrical connection for load-side outgoing feeder120 120 lbf-intype of electrical connection for load-side outgoing feeder120 120 lbf-intype of electrical connection for load-side outgoing feeder1x (14 2/0 AWG)for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)tightening torque [lbf-in] at magnet coil5 12 lbf-intype of electrical connection of magnet coil for AWG cables single or multi-stranded75 °Ctype of electrical connection for auxiliary contacts5 crew-type terminals	Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure	100A / 250V Class R fuse clips Class R
type of electrical connection for supply voltage line-sideBox lugtightening torque [lbf-in] for supply120 120 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of electrical connection for load-side outgoing feeder120 120 lbf-intype of connectable conductor for say-sections for AWG cables for load-side outgoing feeder1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder22 120 lbf-intype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection for auxiliary contactsScrew-type terminals	Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure design of the housing	100A / 250V Class R fuse clips Class R
tightening torque [lbf-in] for supply120 120 lbf-intype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of connectable conductor rors-sections for AWG cables for load-side outgoing feeder single or multi-stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of cables single or multi-stranded2x (16 12 AWG)temperature of the conductor rat magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet co	Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure design of the housing Mounting/wiring	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof
Upper of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 1/0 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of connectable conductor rors-sections for AWG cables for load-side outgoing feeder single or multi-stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded75 °Cmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connection of magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Ctemperature of the conductor at magnet coilCUtype of electrical connection for auxiliary contactsScrew-type terminals <td>Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure design of the housing Mounting/wiring mounting position</td> <td>100A / 250V Class R fuse clips Class R dustproof, waterproof &amp; weatherproof</td>	Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure design of the housing Mounting/wiring mounting position	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof
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material of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil5 12 kWG)temperature of the conductor at magnet coilCUtype of electrical connection for auxiliary contactsCU	Disconnect Switch         response value of switch disconnector         design of fuse holder         operating class of the fuse link         Enclosure         design of the housing         Mounting/wiring         mounting position         fastening method         type of electrical connection for supply voltage line-side	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof vertical Surface mounting and installation Box lug
type of electrical connection for load-side outgoing feederBox lugtightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connection of magnet coil5 12 lbf-intightening torque [lbf-in] at magnet coil2x (16 12 AWG)type of connectable conductor at magnet coil maximum permissible75 °Ctemperature of the conductor for load-side outgoing feeder5 12 lbf-intype of connectable conductor at magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)type of electrical connection for auxiliary contacts75 °C	Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure 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 type of connectable conductor cross-sections at line-side for	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof vertical Surface mounting and installation Box lug 120 120 lbf-in
tightening torque [lbf-in] for load-side outgoing feeder120 120 lbf-intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor rorss-sections of magnet coil for AWG cables single or multi-stranded75 °Ctype of the conductor rorss-sections of magnet coil5 12 lbf-intype of connectable conductor at magnet coil for AWG cables single or multi-stranded75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection for auxiliary contactsScrew-type terminals	Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link Enclosure 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 type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof vertical Surface mounting and installation Box lug 120 120 lbf-in 1x (14 1/0 AWG)
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded1x (14 2/0 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder maximum permissibleAL or CUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor at magnet coil maximum permissible2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible2x (16 12 AWG)	Disconnect Switch         response value of switch disconnector         design of fuse holder         operating class of the fuse link         Enclosure         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         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof vertical Surface mounting and installation Box lug 120 120 lbf·in 1x (14 1/0 AWG) 75 °C
for load-side outgoing feeder single or multi-strandedTo construct the conductor for load-side outgoing feeder maximum permissiblematerial of the conductor for load-side outgoing feederAL or CUmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf·in] at magnet coil5 12 lbf·intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection for auxiliary contactsScrew-type terminals	Disconnect Switch           response value of switch disconnector           design of fuse holder           operating class of the fuse link           Enclosure           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           type of connectable conductor cross-sections at line-side for           AWG cables single or multi-stranded           temperature of the conductor for supply maximum permissible           material of the conductor for supply	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof vertical Surface mounting and installation Box lug 120 120 lbf·in 1x (14 1/0 AWG) 75 °C AL or CU
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type of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (16 12 AWG)temperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection for auxiliary contactsScrew-type terminals	Disconnect Switch           response value of switch disconnector           design of fuse holder           operating class of the fuse link           Enclosure           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           type of connectable conductor cross-sections at line-side for           AWG cables single or multi-stranded           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	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof vertical Surface mounting and installation Box lug 120 120 lbf-in 1x (14 1/0 AWG) 75 °C AL or CU Box lug 120 120 lbf-in
tightening torque [lbf-in] at magnet coil       5 12 lbf-in         type of connectable conductor cross-sections of magnet coil for       2x (16 12 AWG)         AWG cables single or multi-stranded       75 °C         temperature of the conductor at magnet coil       CU         material of the conductor at magnet coil       CU         type of electrical connection for auxiliary contacts       Screw-type terminals	Disconnect Switch         response value of switch disconnector         design of fuse holder         operating class of the fuse link         Enclosure         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         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         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	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof vertical Surface mounting and installation Box lug 120 120 lbf·in 1x (14 1/0 AWG) 75 °C AL or CU Box lug 120 120 lbf·in 1x (14 2/0 AWG)
type of connectable conductor cross-sections of magnet coil for       2x (16 12 AWG)         AWG cables single or multi-stranded       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	Disconnect Switch         response value of switch disconnector         design of fuse holder         operating class of the fuse link         Enclosure         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         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         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 feeder single or multi-stranded         temperature of the conductor for load-side outgoing feeder         tightening torque feeder single or multi-stranded         temperature of the conducto	100A / 250V Class R fuse clips Class R dustproof, waterproof & weatherproof vertical Surface mounting and installation Box lug 120 120 lbf-in 1x (14 1/0 AWG) 75 °C AL or CU Box lug 120 120 lbf-in 1x (14 2/0 AWG) 75 °C
AWG cables single or multi-stranded     The conductor at magnet coil maximum permissible       material of the conductor at magnet coil     CU       type of electrical connection for auxiliary contacts     Screw-type terminals	Disconnect Switch         response value of switch disconnector         design of fuse holder         operating class of the fuse link         Enclosure         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         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         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         type of electrical connection for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         type of the conductor for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         tupe of connectable conductor for load-side outgoing feeder         tupe of the conductor for load-side outgoing feeder	100A / 250V         Class R fuse clips         Class R         dustproof, waterproof & weatherproof         vertical         Surface mounting and installation         Box lug         120 120 lbf-in         1x (14 1/0 AWG)         75 °C         AL or CU         Box lug         120 120 lbf-in         1x (14 2/0 AWG)         75 °C         AL or CU         Box lug         1x (14 2/0 AWG)
permissible     Imaterial of the conductor at magnet coil     CU       type of electrical connection for auxiliary contacts     Screw-type terminals	Disconnect Switch           response value of switch disconnector           design of fuse holder           operating class of the fuse link           Enclosure           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           type of connectable conductor cross-sections at line-side for           AWG cables single or multi-stranded           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           type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder           type of connectable conductor for load-side outgoing feeder           type of electrical connection of nagnet coil	100A / 250V         Class R fuse clips         Class R         dustproof, waterproof & weatherproof         vertical         Surface mounting and installation         Box lug         120 120 lbf-in         1x (14 1/0 AWG)         75 °C         AL or CU         Box lug         120 120 lbf-in         1x (14 2/0 AWG)         75 °C         AL or CU         Screw-type terminals
type of electrical connection for auxiliary contacts Screw-type terminals	Disconnect Switch           response value of switch disconnector           design of fuse holder           operating class of the fuse link           Enclosure           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           type of connectable conductor cross-sections at line-side for           AWG cables single or multi-stranded           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           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           type of clectrical connection of load-side outgoing feeder           type of electrical connection for load-side outgoing feeder           type of electrical connection of magnet coil           temperature of the conductor for load-side outgoing feeder           type of electrical connection of magnet coil           type of electrical connection of magnet coil           <	100A / 250V         Class R fuse clips         Class R         dustproof, waterproof & weatherproof         vertical         Surface mounting and installation         Box lug         120 120 lbf-in         1x (14 1/0 AWG)         75 °C         AL or CU         Box lug         120 120 lbf-in         1x (14 2/0 AWG)         75 °C         AL or CU         Box lug         120 120 lbf-in         1x (14 2/0 AWG)         75 °C         AL or CU         Screw-type terminals         5 12 lbf-in
	Disconnect Switch           response value of switch disconnector           design of fuse holder           operating class of the fuse link           Enclosure           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           type of connectable conductor cross-sections at line-side for           AWG cables single or multi-stranded           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           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           type of electrical connection of magnet coil           type of electrical connection of magnet coil           tightening torque [lbf-in] at magnet coil           type of connectable conductor cross-sections of magnet coil for           AWG cables single or multi-stranded           temperature of the conductor at magnet coil	100A / 250V         Class R fuse clips         Class R         dustproof, waterproof & weatherproof         vertical         Surface mounting and installation         Box lug         120 120 lbf-in         1x (14 1/0 AWG)         75 °C         AL or CU         Box lug         120 120 lbf-in         1x (14 2/0 AWG)         75 °C         AL or CU         Box lug         120 120 lbf-in         1x (14 2/0 AWG)         75 °C         AL or CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)
tightening torque [lbf-in] at contactor for auxiliary contacts 10 15 lbf-in	Disconnect Switch         response value of switch disconnector         design of fuse holder         operating class of the fuse link         Enclosure         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         type of connectable conductor cross-sections at line-side for         AWG cables single or multi-stranded         temperature of the conductor for supply maximum permissible         material of the conductor for supply         type of connectable conductor cross-sections for AWG cables         for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         type of connectable conductor for load-side outgoing feeder         type of electrical connection of magnet coil         type of electrical connection of magnet coil         tightening torque [lbf-in] at magnet coil         type of connectable conductor cross-sections of magnet coil for         AWG cables single or multi-stranded         temperature of the conductor at magnet coil maximum	100A / 250V         Class R fuse clips         Class R         dustproof, waterproof & weatherproof         vertical         Surface mounting and installation         Box lug         120 120 lbf-in         1x (14 1/0 AWG)         75 °C         AL or CU         Box lug         120 120 lbf-in         1x (14 2/0 AWG)         75 °C         AL or CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)         75 °C
	Disconnect Switch           response value of switch disconnector           design of fuse holder           operating class of the fuse link           Enclosure           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           type of connectable conductor cross-sections at line-side for           AWG cables single or multi-stranded           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           type of electrical connection for load-side outgoing feeder           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           type of electrical connection of magnet coil           tightening torque [lbf-in] at magnet coil           type of connectable conductor cross-sections of magnet coil for           AWG cables single or multi-stranded           temperature of the conductor for load-side outgoing feeder           type	100A / 250V         Class R fuse clips         Class R         dustproof, waterproof & weatherproof         vertical         Surface mounting and installation         Box lug         120 120 lbf-in         1x (14 1/0 AWG)         75 °C         AL or CU         Box lug         120 120 lbf-in         1x (14 2/0 AWG)         75 °C         AL or CU         Screw-type terminals         5 12 lbf-in         2x (16 12 AWG)         75 °C         CU

type of connectable conductor cross-sections at contactor for 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 for 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=US2:17HUG82NL14

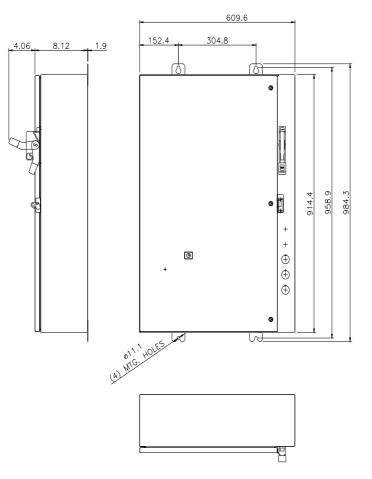
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

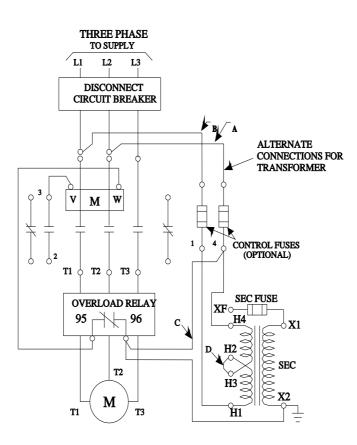
https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG82NL14

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:17HUG82NL14&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:17HUG82NL14/certificate





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last modified:

1/25/2022 🖸