## SIEMENS

## Data sheet

## US2:17DUE92NA



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 10-40A, Combination type, 60A non-fusible disconnect, Enclosure NEMA type 4/12, Water/dust tight for outdoors, Standard width enclosure

Figure simila	ir
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product brand name	Class 17 & 25
design of the product	Full-voltage non-reversing motor starter with non-fusible disconnect
special product feature	ESP200 overload relay; Dual voltage coil
General technical data	
Height x Width x Depth [in]	24 × 11 × 8 in
touch protection against electrical shock	(NA for enclosed products)
installation altitude [ft] at height above sea level maximum	6560 ft
ambient temperature [°F]	
<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
<ul> <li>during operation</li> </ul>	-20 +40 °C
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	7.5 hp
• at 220/230 V rated value	7.5 hp
• at 460/480 V rated value	0 hp
• at 575/600 V rated value	0 hp
Contactor	
size of contactor	NEMA controller size 1
number of NO contacts for main contacts	3
operational current at AC at 600 V rated value	27 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	110 240 V
holding power at AC minimum	8.6 W
apparent pick-up power of magnet coil at AC	218 VA
apparent holding power of magnet coil at AC	25 VA

operating range factor control supply voltage rated value         0.85 1.1           or magnet coll         0.95 %           operating drop-out voltage of magnet coll related to the         0.9 %           ON-doity time         10 20 ms           Overload ratesy         0.9 %           product function         Yes           • voltage drop drotection         Yes           • overload protection         Yes           • asymmetry detection         10 40 A           • asymmetry detectin         10 40 A <t< th=""><th></th><th></th></t<>		
input voltage         0           Ord-day time         10 24 ms           Ord-day time         10 24 ms           Overlad protection         Yes           • vertical protect         Yes           • overlad protection         Yes           • overlad protective contig on printed circuit broad         10 40 A           percent overdar releaso         10 40 A           percent overdar releaso         11	of magnet coil	
OFF-Gaby time     10 24 ms       Overload protection     Yes       • overload protection     Yes       • phase failure detection     Yes       • asymmetry detection     Yes       • asymmetry detection     Yes       • external reset     Yes       reset function     CLASS 5 / 10 / 20 (tactory set) / 30       digutable current response value current of the current- dependent overload release     10 / 24 ms       make time with automatic start after power faluer make time with automatic start after power faluer     3 s       make time with automatic start after power faluer     3 s       relative repeat accuracy     1%       product flaature protective coaling on printed-circuit board relay     1       operational current of auxiliary contacts of overload frelay     5 A       • at Co at 260 V     1 A       constart arian of auxiliary contacts of overload relay     5 A       • at Co at 260 V     1 A       contract rating of auxiliary contacts of overload relay     5 A       • 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     900 V       • exponse value of switch disconnector     30A / 600V       response value of switch disconnector     30A / 600V       design of the ho		50 %
Overload raily         product function         Yes           • overload protection         Yes           • overload protection         Yes           • asymmetry detection         Yes           • estimation         Yes           • eston         Yes           • est	ON-delay time	19 29 ms
product function     Yes       • overload protection     Yes       • symmetry detection     Yes       • ground fluit detection     Yes       • external reset     Yes       • external reset     Yes       ing data fluit detection     Yes       • external reset     Yes       ing data fluit detection     Yes       • external reset     Yes       reset function     Manual automatic and remote       ing data fluit detection     Yes       relative repeat accuracy     10 40 A       product feature protective costing on printed-circuit board     1       product feature protective costing on printed-circuit board     1       number of NC contacts of auxiliary contacts of overload     1       relative repeat accuracy     1%       • at C at 800 V     1A       contact rating of auxiliary contacts of overload relay     5 A       • at C at 800 V     1A       contact stay output     5 A       • with multip-phase operation at AC rated value     600 V       • with multip-phase operation at AC rated value     900 V       Operating class of the fuse link     renort       resories value of switch disconnector     30A / 600V       design of the toxing     dustproof & weatherproof & weatherproof       Mountingportion	OFF-delay time	10 24 ms
product function     Yes       • overload protection     Yes       • symmetry detection     Yes       • ground fluit detection     Yes       • external reset     Yes       • external reset     Yes       ing data fluit detection     Yes       • external reset     Yes       ing data fluit detection     Yes       • external reset     Yes       reset function     Manual automatic and remote       ing data fluit detection     Yes       relative repeat accuracy     10 40 A       product feature protective costing on printed-circuit board     1       product feature protective costing on printed-circuit board     1       number of NC contacts of auxiliary contacts of overload     1       relative repeat accuracy     1%       • at C at 800 V     1A       contact rating of auxiliary contacts of overload relay     5 A       • at C at 800 V     1A       contact stay output     5 A       • with multip-phase operation at AC rated value     600 V       • with multip-phase operation at AC rated value     900 V       Operating class of the fuse link     renort       resories value of switch disconnector     30A / 600V       design of the toxing     dustproof & weatherproof & weatherproof       Mountingportion	Overload relay	
<ul> <li>eventional protection</li> <li>ves</li> <li>ves</li> <li>exprimetry detection</li> <li>ves</li> <li>exprimetry detection</li> <li>ves</li> <li>exprimetry detection</li> <li>ves</li> <li>external reset</li> <li>vestimal reset</li></ul>		
Privas failure detection     Yes     esymmetry detection     Yes     estant isset     esterial reset     Yes     estant isset     esterial reset     Yes     reset function     Yes     reset     reset function     Yes     reset     r		Yes
• symmetry detection     Yes       • external reset     Yes       • external value current of the current- dependent overload release     10 40 A       • make time with automatic start after power failure     3 s       • make time with automatic start after power failure     3 s       • relative repeat accuracy     1%       • relative repeat accuracy     1%       • relative repeat accuracy     1%       • orduet fasture protective coating on printed-circuit board     1       • ext DC at 250 V     1A       • at DC at 250 V     1A       • at DC at 250 V     1A       • 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       • extical of the fuse link     non-fusible       • per dometion NEMA rating     4, 12       design of the broasing     600 V       • with multi-phase operation at AC rated value     5u/face mounting and		
• isrt function         Yes           • external rest         Yes           • external rest         Yes           rest 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           make time with automatic start after power failure makimum         3 s           relative rotective coating on printed-circuit board Yes         1%           product facture protective coating on printed-circuit board Yes         1           number of NO contacts of auxiliary contacts of overload relay         1           operational current of auxiliary contacts of overload relay eta //> at Co at 250 V         1           operational current of auxiliary contacts of overload relay eta //> at Co at 250 V         5 Å           out Dicate faiting of auxiliary contacts of overload relay excording to U.         5 Å           out Dicate faiting of auxiliary contacts of overload relay eta //> with multi-phase operation at AC rated value         500 V           out Dicate faiting of auxiliary contacts of overload relay eta //> with multi-phase operation at AC rated value         500 V           out Dicate faiting of fause holder         non-fusible           opparating dass of the fuse link         non-fusible           Enclosure         4,12 <td></td> <td>Yes</td>		Yes
• external reset         Yes           reset function         Manual, automatic and remote           trip class         CLASS 57 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overload release         10 40 A           make time with automatic start after power failure maximum         3 s           relative repeat accuracy         1%           product faiture protective cooling on printed-circuit board relative         Yes           number of NC contacts of auxiliary contacts of overload relative         1           • at AC at 600 V         5 A           • at AC at 80 V         1 A           response value of switch fisconnector         7 A@@600VAC (B600), 1 A@250VDC (R300)           response value of switch fisconnector         7 A@f00V           design of fuse holder         non-fusible           operational AC rated value         800 V           design of fuse holo	5	Yes
trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- maximum         10 40 A           maxe time with automatic start after power failure maximum         3 s           relative repeat accuracy         1%           product faiture protective coaling on printed-circuit board         1           number of NC contacts of auxiliary contacts of overload relay         1           • at AC at 600 V         5 A           • at AC at 600 V         5 A           • at AC at 600 V         5 A           • at CC at 250 V         5 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 multip-shase operation at AC rated value         600 V           • with multip-shase operation at AC rated value         300 /           Disconnect Switch         700 /           response value of switch disconnector         30A / 600V           design of the busing         dustproof, waterproof & weatherproof           Mounting/Wring         70 /           mounting position         vertical           type of electrical connecton for supply voltage line-side         30		Yes
trip class         CLASS 5 / 10 / 20 (factory set) / 30           adjustable current response value current of the current- dependent overtoad release         1040 A           make time with automatic start after power failure maximum         3 s           make time with automatic start after power failure maximum         3 s           relative repeat accuracy         1%           product failure protective coaling on printed-circuit board relaty         1%           opticat failure protective coaling on printed-circuit board relaty         1           • at AC at 600 V         5 A           • at C at 280 V         5 A           Insulation voltage (UI)         600 V           • with multip-thase operation at AC rated value         600 V           • with multip-thase operation at AC rated value         300 V           Disconnect Switch         70 / 600V           response value of switch disconnector         30A / 600V           design of the bousing         dustproof, waterproof & weatherproof           Mounting/wiring         90 / 700           mounting position         vertical           taster of the conductor	reset function	Manual, automatic and remote
adjustable current response value current of the current.       10 40 A         make time with automatic stat after power failure maximum       3 s         make time with automatic stat after power failure 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       5 A         ot at DC at 250 V       5 A         cat DC at 250 V       5 A         orther tarting of auxiliary contacts of overload relay       5 A         according to UL       5 A         outh of the board of auxiliary contacts of overload relay       5 A         according to UL       5 A         outh of the board of auxiliary contacts of overload relay       5 A         according to UL       5 A         with multi-phase operation at AC rated value       600 V         Bisconnect Switch       700 mon-fusible         response value of switch disconnector       30A / 600V         design of the board       70 mon-fusible         operating class of the fuse link       ron-fusible         design of the housing       4, 12         design of the housing       5 C <td>trip class</td> <td></td>	trip class	
make line with automatic start after power failure 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         1           operational current of auxiliary contacts of overload relay exact and point         5 A           oat DC at 250 V         1 A           contact rating of auxiliary contacts of overload relay eccording to UL         5A@@00VAC (B600), 1A@250VDC (R300)           insultation voltage (U)         with multi-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           design of fuse holder         non-fusible           operating class of the fuse link         non-fusible           design of the housing         dustproof, waterproof & weatherproof           Mounting/wiring         yerifical           mounting position         vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         S	adjustable current response value current of the current-	
relative repeat accuracy       1 %         product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         operational current of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       1         at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay       5A         according to UL       5A@@00VAC (B600), 1A@250VDC (R300)         insultation voltage (UI)       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       700 V         operating class of the fuse link       non-fusible <b>Disconnect Switch</b> 30A / 600V         operating class of the fuse link       non-fusible <b>Mounting position</b> vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         fastening method       Surface mounting and installation         type of electrical connection for supply maximum       Fo C         permissible	•	3 s
product feature protective coating on printed-circuit board       Yes         number of NC contacts of auxiliary contacts of overload       1         relay       1         operational current of auxiliary contacts of overload relay       1         • at AC at 600 V       5 A         • at AC at 250 V       5 A         contact rating of auxiliary contacts of overload relay according to UL       5 A         insulation voltage (U)       • with single-phase operation at AC rated value         • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       600 V         • with will-phase operation at AC rated value       600 V         begreat of fuse holder       000 V         design of fuse holder       000 V         design of fuse holder       000 V         design of the housing       dustproof, waterproof & weatherproof         Mounting/wring       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         ifghtening torque [lbf-in] for supply       75 °C         mounting position       Surface mounting and installation         type of electrical connection for supply maximum       75 °C         per elect	maximum	
number of NC contacts of auxiliary contacts of overload       1         number of NC contacts of auxiliary contacts of overload relay       1         operational current of auxiliary contacts of overload relay       5 A         • at AC at 600 V       1 A         SA geody of auxiliary contacts of overload relay       5 A         according to UL       5 A         insulation voltage (U)       • A C rated value         • with mills-phase operation at AC rated value       600 V         • with mills-phase operation at AC rated value       300 V         Disconcet Switch       response value of switch disconnector         operating class of the fuse link       non-fusible         operating class of the fuse link       non-fusible         operating class of the fuse link       non-fusible         mounting position       vertical         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side       35 35 lbf in         type of electrical connection for supply voltage line-side       35 35 lbf in         type of electrical connector for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       35 35 lbf in         type of electrical connection for load-side outgoing feeder       75 °C	· · · · · · · · · · · · · · · · · · ·	
relay       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         contacts rating 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), 1 A@250VDC (R300)         according to UL       600 V         • with single-phase operation at AC rated value       300 V         Disconnext Switch       70 V         response value of switch disconnector       30A / 600V         operating class of the fuse link       non-fusible         operating class of the fuse link       non-fusible         operating position       vertical         fastening method       Surface mounting and installation         Type of electrical connection for supply voltage line-side       Surface mounting and installation         Type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       75 °C         response table outgoing feeder       75 °C         type of electrical connection for load-side outgoing feeder       75 °C         type of electrical connection for load-side outgoing feeder <td></td> <td></td>		
relay         operational current of auxiliary contacts of overload relay         at C at 800 V         at DC at 250 V         1A         contact rating of auxiliary contacts of overload relay         according to UL         insulation voltage (Ui)         • with single-phase operation at AC rated value         000 V         Some voltage operation at AC rated value         000 V         Disconnect Switch         response value of switch disconnector         030A / 600V         design of fuse holder         operating class of the fuse link         ender of protection NEMA rating         degree of protection NEMA rating         design of the housing         Mounting/wiring         mounting opsition         type of electrical connection for supply voltage line-side         dAVC cables single or multi-stranded         type of electrical connector for supply voltage line-side         dAVG cables single or multi-stranded         material of the conductor for supply maximum permissible         material of the conductor for supply maximum permissible         material of the conductor for supply maximum         tightening torque [lbf-in] for load-side outgoing feeder         tightening torque [lbf-in] for load-side outgoing	relay	
• at AC at 600 V         5 A           • at DC at 250 V         1 A           contact reting 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         600 V           • with multi-phase operation at AC rated value         600 V         600 V           • with multi-phase operation at AC rated value         600 V         600 V           • with multi-phase operation at AC rated value         600 V         600 V           design of fuse holder         non-fusible         non-fusible           operating class of the fuse link         non-fusible         600 V           degree of protection NEMA rating         4, 12         destroof, waterproof & weatherproof           Mounting/wiring         vertical         535 lbFin           Munting/wiring         Surface mounting and installation           type of connectable conductor cross-sections at line-side         80x lug           tightening torque [UF-in] for supply         3535 lbFin           type of connectable conductor for supply maximum         75 °C           permature of the conductor for supply maximum         75 °C           retrial of the conducto	relay	1
• at DC at 250 V       1 A         contact rating of auxiliary contacts of overload relay according to U.       5A@600VAC (B600), 1A@250VDC (R300)         insulation voltage (Ui)       • with single-phase operation at AC rated value       600 V         • with single-phase operation at AC rated value       500 V         Disconnect Switch       600 V         response value of switch disconnector       30A / 600V         operating class of the fuse link       non-fusible         contage of protection NEMA rating       4, 12         degree of protection NEMA rating       4, 12         degree of protection NEMA rating       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         it ghtening torque [Ibf in] for supply       Yot S · 35 Ibf in         type of electrical connection for supply maximum       75 °C         permissible       35 35 Ibf in         type of connectable conductor for load-side outgoing feeder       35 35 Ibf in         type of onectable conductor for load-side outgoing feeder       35 35 Ibf in         type of electrical connection for load-side outgoing feeder       <		
contact rating of auxiliary contacts of overload relay according to UL       5A@600VAC (B600), 1A@250VDC (R300)         insultation voltage (U)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         Disconnect Switch       30A / 600V         design of fuse holder       00	● at AC at 600 V	5 A
according to UL       insulation voltage (U)         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       300 V         Disconnect Switch       300 / 600V         design of fuse holder       non-fusible         operating class of the fuse link       non-fusible         Enclosure       design of the housing         design of the housing       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wring       mounting position         response value of switch disconnector for supply voltage line-side       Box Lug         tightening torque [lbf in] for supply       35 35 lbf in         type of electrical connection for supply waitmum       75 °C         persential of the conductor for supply       35 35 lbf in         type of connectable conductor for supply       35 35 lbf in         type of connectable conductor for supply       X1 cr CU         torad-side outgoing feeder       1x (14 2 AWG)         rightening torque [lbf in] for load-side outgoing feeder       35 35 lbf in         type of electrical connection for load-side outgoing feeder       35 36 lbf in         type of electrical connection for load-side outgoing feeder       35 36 lbf in         type of e	• 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       30A / 600V         response value of switch disconnector       30A / 600V         design of fuse holder       non-fusible         operating class of the fuse link       non-fusible         Enclosure       4, 12         degree of protection NEMA rating       dustproof, waterproof & weatherproof         Mounting/wiring       wertical         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 electrical connection for supply maximum       75 °C         permissible       Screw-type terminals         tightening torque [lbf in] for load-side outgoing feeder       35 35 lbf in         type of electrical connection for load-side outgoing feeder       35 35 lbf in         type of electrical connection for load-side outgoing feeder       35 35 lbf in         type of electrical connection for load-side outgoing feeder       35 35 lbf in         tightening torque [lbf in] for load-side outgoing feeder       35 35 lbf in		5A@600VAC (B600), 1A@250VDC (R300)
• with multi-phase operation at AC rated value         300 V           Disconnect Switch         300 / 600V           design of fuse holder         non-fusible           operating class of the fuse link         non-fusible           Enclosure         4, 12           degree of protection NEMA rating         4, 12           degree of protection NEMA rating         4, 12           design of the housing         dustproof, waterproof & weatherproof           Mounting/wiring         wertical           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 for supply maximum         75 °C           material of the conductor for load-side outgoing feeder         35 35 lbf-in           type of connectable conductor for load-side outgoing feeder         35 35 lbf-in           type of connectable conductor for load-side outgoing feeder         35 35 lbf-in           type of connectable conductor for load-side outgoing feeder         35 35 lbf-in           type of connectable conductor for load-side outgoing feeder         35 35 lbf-in           type of electrical connection for load-side outgoing feeder         75 °C           ma	insulation voltage (Ui)	
Disconnect Switch       30A / 600V         response value of switch disconnector       30A / 600V         design of fuse holder       non-fusible         operating class of the fuse link       non-fusible         Enclosure       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       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       Screw-type terminals         material of the conductor for supply       AL or CU         type of connectable conductor for supply and feeder       35 35 lbf-in         type of connectable conductor for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for supply       AL or CU         type of connectable conductor for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for load-side outgoing feeder       35 35 lbf-in <td><ul> <li>with single-phase operation at AC rated value</li> </ul></td> <td>600 V</td>	<ul> <li>with single-phase operation at AC rated value</li> </ul>	600 V
response value of switch disconnector       30A / 600V         design of fuse holder       non-fusible         operating class of the fuse link       non-fusible         Enclosure       4, 12         deegre of protection NEMA rating       dustproof, waterproof & weatherproof         Mounting/wiring       wertical         mounting position       vertical         fastening method       Surface mounting and installation         tightening torque [lbf:in] for supply       35 35 lbf:in         type of electrical connection for supply maximum       75 °C         material of the conductor for supply maximum       75 °C         material of the conductor for load-side outgoing feeder       35 35 lbf:in         type of electrical connection for load-side outgoing feeder       35 35 lbf:in         type of connectable conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       35 35 lbf:in         type of connectable conductor for load-side outgoing feeder       1x (14 2 AWG)         temperature of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       35 35 lbf:in         type of connectable conductor for load-side outgoing feeder       1x (14 2 AWG)         temperature of the conductor for lo	<ul> <li>with multi-phase operation at AC rated value</li> </ul>	300 V
design of fuse holder       non-fusible         operating class of the fuse link       non-fusible         Enclosure	Disconnect Switch	
operating class of the fuse link         non-fusible           Enclosure         degree of protection NEMA rating         4, 12           design of the housing         dustproof, waterproof & weatherproof           Mounting/wiring         wertical           mounting position         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 at AWG cables single or multi-stranded         1x (14 2 AWG)           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         35 35 lbF-in           type of electrical connectable conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         35 35 lbF-in           type of electrical connectable conductor for load-side outgoing feeder         1x (14 2 AWG)           tightening torque [lbF-in] for load-side outgoing feeder         1x (14 2 AWG)           tightening torque [lbF-in] to age t coil         5 crew-type terminals           tightening torque [lbF-in] to age t coil         5 crew-type terminals           tightening torque [lbF-in] to age t coil         5 crew-type terminals	response value of switch disconnector	30A / 600V
Enclosure         degree of protection NEMA rating       4, 12         design of the housing       dustproof, waterproof & weatherproof         Mounting/wiring       vertical         mounting position       Surface mounting and installation         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 at AWG cables single or multi-stranded       1x (14 2 AWG)         temperature of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor for supply       AL or CU         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       5 12 lbf-in         type of electrical connection of magnet coil       5 12 lbf-in         type of electrical connection of magnet coil       5 12 lWG)	design of fuse holder	non-fusible
degree of protection NEMA rating4, 12design of the housingdustproof, waterproof & weatherproofMounting/wiringmounting positionverticalfastening methodSurface mounting and installationtype of electrical connection for supply voltage line-sideBox lugtightening torque [lbf:n] for supply35 35 lbf-intype of connectable conductor cross-sections at line-side1x (14 2 AWG)at AWG cables single or multi-stranded75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder35 35 lbf-intype of connectable conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder35 35 lbf-intype of connectable conductor for supplyAL or CUtype of connectable conductor for load-side outgoing feeder35 35 lbf-intype of connectable conductor for load-side outgoing feeder35 35 lbf-intype of connectable conductor for load-side outgoing feeder1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder5 12 lbf-intype of electrical connection of magnet coil5 12 lbf-intype of connectable conductor rorss-sections of magnet2x (16 12 AWG)	operating class of the fuse link	non-fusible
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:n] for supply       35 35 lbf-in         type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded       1x (14 2 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor cross-sections at AWG cables single or multi-stranded       1x (14 2 AWG)         temperature of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       35 35 lbf-in         type of connectable conductor ross-sections at AWG cables for load-side outgoing feeder       1x (14 2 AWG)         temperature of the conductor for load-side outgoing feeder       75 °C         maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       1x (14 2 AWG)         type of electrical connection of magnet coil       5crew-type terminals         type of electrical connection of magnet coil       5crew-type terminals         tighteni	Enclosure	
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 at AWG cables single or multi-stranded         1x (14 2 AWG)           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         35 35 lbf in           type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder         35 35 lbf in           type of connectable conductor rors-sections at AWG cables for load-side outgoing feeder single or multi- stranded         1x (14 2 AWG)           temperature of the conductor for load-side outgoing feeder         75 °C           maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         1x (14 2 AWG)           temperature of the conductor for load-side outgoing feeder         75 °C           maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         1x (14 2 AWG)           tightening torque [lbf.in] at magnet coil         Screw-type terminals           tightening torque [lbf.in] at magnet c	degree of protection NEMA rating	4, 12
mounting 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-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder35 35 lbf-intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder35 35 lbf-intype of connectable conductor for supplyAL or CUtype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder35 35 lbf-intype of connectable conductor for load-side outgoing feeder1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder1x (14 2 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 feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Ctype of electrical connection of magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet2x (16 12 AWG)	design of the housing	dustproof, waterproof & weatherproof
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fastening 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-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder35 35 lbf-intightening torque [lbf-in] for load-side outgoing feeder35 35 lbf-intype of connectable conductor for load-side outgoing feeder1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder35 35 lbf-intightening torque [lbf-in] for load-side outgoing feeder1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder75 °Ctemperature of the conductor for load-side outgoing feeder1x (14 2 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 magnet2x (16 12 AWG)	mounting position	vertical
type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supplyBox lugtype of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded1x (14 2 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feeder35 35 lbf-intightening torque [lbf-in] for load-side outgoing feeder35 35 lbf-intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder1x (14 2 AWG)temperature of the conductor for supplyAL or CUtype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder1x (14 2 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 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 coilScrew-type terminalstightening torque [lbf-in] at magnet coil5 12 lbf-intype of connectable conductor cross-sections of magnet2x (16 12 AWG)		
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at AWG cables single or multi-strandedtemperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder35 35 lbf intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder Maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder may feeder single 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 type of connectable conductor cross-sections of magnet2x (16 12 AWG)		
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type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder35 35 lbf·intype of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder type of electrical connection of magnet coilAL or CUtightening torque [lbf·in] at magnet coil5 12 lbf·intype of connectable conductor cross-sections of magnet2x (16 12 AWG)		AL or CU
tightening torque [lbf·in] for load-side outgoing feeder       35 35 lbf·in         type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded       1x (14 2 AWG)         temperature of the conductor for load-side outgoing feeder maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       AL or CU         type of electrical connection of magnet coil       5 12 lbf·in         tightening torque [lbf·in] at magnet coil       5 12 lbf·in         type of connectable conductor cross-sections of magnet       2x (16 12 AWG)		
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi- stranded1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder maximum permissible75 °Cmaterial of the conductor for load-side outgoing feeder type of electrical connection of magnet coilAL or CUtightening torque [lbf·in] at magnet coil5 12 lbf·intype of connectable conductor cross-sections of magnet2x (16 12 AWG)		
maximum permissible     AL or CU       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     2x (16 12 AWG)	type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-	1x (14 2 AWG)
type of electrical connection of magnet coilScrew-type terminalstightening torque [lbf·in] at magnet coil5 12 lbf·intype of connectable conductor cross-sections of magnet2x (16 12 AWG)		75 °C
tightening torque [lbf·in] at magnet coil5 12 lbf·intype of connectable conductor cross-sections of magnet2x (16 12 AWG)	material of the conductor for load-side outgoing feeder	AL or CU
type of connectable conductor cross-sections of magnet 2x (16 12 AWG)	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=US2:17DUE92NA Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:17DUE92NA Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros,) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:17DUE92NA⟨=en Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:17DUE92NA/certificate		

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