## **SIEMENS**

Data sheet US2:17DUC92NS11



Non-reversing motor starter, Size 1, Three phase full voltage, Solid-state overload relay, OLR amp range 3-12A, 24VDC coil, Combination type, 30A fusible disconnect, 30A/600V fuse clip, Enclosure NEMA type 4/12, Water/dust tight for outdoors, Standard width enclosure

Figure similar

design of the product special product feature  ESP200 overload relay  Feneral technical data  weight [tb]  Height x Width x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [FT]  of uning storage of uning storage of uning storage of uning operation  ambient temperature  of uning storage of uning operation  arbient temperature  of uning storage of uning operation  arbient temperature  of uning storage of uning operation  arbient temperature  of uning operation  usian  usian  vertical storage of uning operation  usian  vertical storage of uning operation  of usian  vertical storage  of uning operation  vertical storage  of uning operation  usian  vertical storage  of uning operation  of usian  vertical storage  of uning operation  of usian  vertical storage  of uning operation  vertical storage  of uning operation  of usian  vertical storage  of uning operation  of usian  of usia	product brand name	Class 17
Seneral technical data   weight [lb]   34 lb   Height x Width x Depth [in]   24 x 11 x 8 in   touch protection against electrical shock   NA for enclosed products   installation affitude [ft] at height above sea level maximum   ambient temperature [*F]   • during storage   -22 +149 °F   • during operation   -4 +104 °F   • during operation   -4 +104 °F   • during operation   -20 +40 °C   • other country of origin   USA	design of the product	Non-reversing motor starter with fusible disconnect
weight [lb] Height x Width x Depth [in] 10uch protection against electrical shock Installation altitude [ft] at height above sea level maximum ambient temperature ["F] 4 during operation 4 +104 "F  ambient temperature 4 during operation 4 +104 "F  ambient temperature 4 during operation 5	special product feature	ESP200 overload relay
Height x Width x Depth [in]  touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature ["F]  • during storage • during operation ambient temperature • during storage • during storage • during operation - during storage • during operation - during storage • during operation - 20 +65 °C • during operation - 20 +40 °C  country of origin  WSA  WSA  WHOSEOPOWER TAILINGS  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 420/480 V rated value • at 457/800 V rated value • at 575/800 V rated value • at 575/800 V rated value • The contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contacts for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contacts at contactor according to UL  Coil type of voltage of the control supply voltage  DC	General technical data	
touch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [*F] • during storage • during operation  ambient temperature • during storage • during operation  country of origin  Horsepower ratings  yielded mechanical performance [ftp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 600 V rated value  operating voltage for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not contacts at contactor for auxiliary contacts number of Not co	weight [lb]	34 lb
installation allitude [ft] at height above sea level maximum ambient temperature [*F]  • during storage • during operation -4 +104 *F  ambient temperature • during storage • during operation -20 +46 *C -20 +40 *C  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 270/208 V rated value • at 4575/600 V rated value • at 4575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value  operating voltage for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  number of NO contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage  DC	Height x Width x Depth [in]	24 × 11 × 8 in
ambient temperature ["F]  • during storage • during operation  ambient temperature  • during storage • during storage • during storage • during operation  • during storage • during operation • during storage • during operation  • during operation  • 20 +65 °C • 20 +40 °C  Country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value  • at 575/600 V rated value  • at 600 V rated value  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  preciational current at AC at 600 V rated value  operational current at AC at 600 V rated v	touch protection against electrical shock	NA for enclosed products
<ul> <li>during storage</li> <li>during operation</li> <li>during operation</li> <li>during storage</li> <li>during operation</li> <li>20 +65 °C</li> <li>during operation</li> <li>20 +40 °C</li> </ul> Country of origin Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor <ul> <li>at 200/208 V rated value</li> <li>ohp</li> <li>at 220/230 V rated value</li> <li>ohp</li> <li>at 575/600 V rated value</li> <li>fhp</li> </ul> On hp <ul> <li>at 575/600 V rated value</li> <li>fhp</li> </ul> Contactor size of contactor <ul> <li>size of contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operating voltage for main current circuit at AC at 600 V rated value</li> <li>mechanical service life (switching cycles) of the main contacts typical</li> </ul> Auxiliary contact <ul> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of voltage of the control supply voltage</li> </ul> DC	installation altitude [ft] at height above sea level maximum	6560 ft
during operation     ambient temperature     during operation     during operation     during operation     during operation     country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     at 220/208 V rated value     at 220/230 V rated value     at 460/480 V rated value     at 4575/600 V rated value     at 575/600 V rated value     isize of contactor     number of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum     operational current at AC at 600 V rated value     poperational service life (switching cycles) of the main contacts typical  Auxiliary contact     number of NO contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts     number of No contacts at contactor for auxiliary contacts     number of total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage       DC	ambient temperature [°F]	
ambient temperature  • during storage • during operation  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  contactor  size of contactor  number of NO contacts for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of No contacts at contactor for auxiliary contacts number of total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  DC	<ul> <li>during storage</li> </ul>	-22 +149 °F
during storage     during operation     country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor      at 200/208 V rated value     at 220/230 V rated value     at 675/600 V rated value     at 675/600 V rated value     size of contactor  number of NO contacts for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  poperational current at AC at 600 V rated value  are contacts typical  Auxiliary contact  number of NO contacts at contactor of the main contacts so number of NO contacts at contactor of the main contacts to number of NO contacts at contactor of the main contacts of NO contacts at contactor of the main contacts of NO contacts at contactor of the main contacts of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  DC	<ul> <li>during operation</li> </ul>	-4 +104 °F
outring operation     country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     o at 200/208 V rated value     o hp     at 460/480 V rated value     o at 575/600 V rated value     isize of contactor     number of NO contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum     operational current at AC at 600 V rated value     advisiting vontact  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum     contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage   DC	ambient temperature	
country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value  5 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  Prechanical service life (switching cycles) of the main contacts typical  Auxilliary contact  number of NO contacts at contactor for auxilliary contacts number of NO contacts at contactor for auxilliary contacts number of NO contacts at contactor for auxilliary contacts number of NO contacts at contactor for auxilliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  DC	during storage	-30 +65 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 575/600 V rated value  5 hp • at 575/600 V rated value  5 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  27 A  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  DC	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value • at 220/230 V rated value • at 420/230 V rated value • at 460/480 V rated value • at 575/600 V rated value • 5 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  DC	country of origin	USA
motor  • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 4575/600 V rated value  5 hp  • at 575/600 V rated value  Size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  27 A  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  DC	Horsepower ratings	
at 220/230 V rated value at 460/480 V rated value 5 hp  contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  rechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  coil  type of voltage of the control supply voltage  DC		
at 460/480 V rated value  at 575/600 V rated value  5 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  prechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  DC	• at 200/208 V rated value	0 hp
other interval of No contacts of main contacts     operating voltage for main current circuit at AC at 60 Hz maximum     operational current at AC at 600 V rated value     operational current at AC at 600 V rated value     operational service life (switching cycles) of the main contacts typical      Auxiliary contact     number of NC contacts at contactor for auxiliary contacts     number of NO contacts at contactor for auxiliary contacts     number of total auxiliary contacts maximum     contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage      NEMA controller size 1      3     600 V      10000000      0000000      100000000	• at 220/230 V rated value	0 hp
size of contactor  size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  NEMA controller size 1  0000 V  0000 V  100000000  27 A  100000000  100000000  100000000  1000000	<ul> <li>at 460/480 V rated value</li> </ul>	5 hp
size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  NEMA controller size 1  3  600 V  10000000  27 A  100000000  10000000  100000000  1000000	• at 575/600 V rated value	5 hp
number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  operational service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  3 600 V 600	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  600 V  600	size of contactor	NEMA controller size 1
maximum operational current at AC at 600 V rated value mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage  27 A  100000000  100000000  100000000  1000000	number of NO contacts for main contacts	3
mechanical service life (switching cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  10000000  10000000  100000000  1000000	, , ,	600 V
contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  DC	operational current at AC at 600 V rated value	27 A
number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil type of voltage of the control supply voltage  DC	· · · · · · · · · · · · · · · · · · ·	10000000
number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  1  1  1  1  1  1  1  1  1  1  1  1  1	Auxiliary contact	
number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  8  10A@600VAC (A600), 5A@600VDC (P600)  10A@600VAC (A600), 5A@600VDC (P600)	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  10A@600VAC (A600), 5A@600VDC (P600)  DC	number of NO contacts at contactor for auxiliary contacts	1
to UL  Coil  type of voltage of the control supply voltage  DC	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage DC		10A@600VAC (A600), 5A@600VDC (P600)
	Coil	
control supply voltage	type of voltage of the control supply voltage	DC
	control supply voltage	

at DC rated value	24 V
holding power at AC minimum	0 W
apparent pick-up power of magnet coil at AC	163 VA
apparent holding power of magnet coil at AC	5.5 VA
operating range factor control supply voltage rated value	0.85 1.1
of magnet coil	
percental drop-out voltage of magnet coil related to the input voltage	25 %
ON-delay time	21 21 ms
OFF-delay time	11 11 ms
Overload relay	
product function	
<ul> <li>overload protection</li> </ul>	Yes
<ul> <li>phase failure detection</li> </ul>	Yes
<ul> <li>asymmetry detection</li> </ul>	Yes
ground fault detection	Yes
• test function	Yes
external reset	Yes
reset function	Manual, automatic and remote
trip class	CLASS 5 / 10 / 20 (factory set) / 30
adjustable current response value current of the current- dependent overload release	3 12 A
tripping time at phase-loss maximum	3 s
relative repeat accuracy	1 %
product feature protective coating on printed-circuit board	Yes
number of NC contacts of auxiliary contacts of overload relay	1
number of NO contacts of auxiliary contacts of overload relay	1
operational current of auxiliary contacts of overload relay	
• at AC at 600 V	5 A
• at DC at 250 V	1 A
contact rating of auxiliary contacts of overload relay according to UL	5A@600VAC (B600), 1A@250VDC (R300)
insulation voltage (Ui)	
with single-phase operation at AC rated value	600 V
with multi-phase operation at AC rated value	300 V
Disconnect Switch	
response value of switch disconnector	30A / 600V
design of fuse holder	Class R fuse clips
operating class of the fuse link	Class R ruse clips
Enclosure	
degree of protection NEMA rating	4, 12
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	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	75 °C
permissible	AL or CII
material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder	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	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)
<a href="https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17DUC92NS11">https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:17DUC92NS11</a>

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

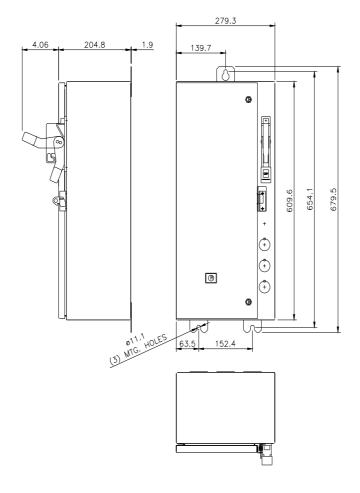
https://support.industry.siemens.com/cs/US/en/ps/US2:17DUC92NS11

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:17DUC92NS11&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:17DUC92NS11/certificate



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