## SIEMENS

## Data sheet

## US2:88EUEC4MH

	Reduced voltage pump panel, Wye delta closed transition, Size 1 3/4, 460V 3- phase motor voltage, Solid-state overload relay, OLR amp range 10-40A, 380- 440/440-480V 50/60Hz coil, 50A circuit breaker, HOA Sel Sw. <(>&<)> Start P.B.,
	Enclosure NEMA type 3/3R, Weather proof outdoor use
product brand name	Class 88
design of the product	Reduced voltage pump panel with MCP - Wye delta closed transition
special product feature	Half-size controller; ESP200 overload relay
General technical data	
weight [lb]	123 lb
Height x Width x Depth [in]	43 × 24 × 11 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
<ul> <li>during operation</li> </ul>	-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	
vielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value	0 hp
• at 220/230 V rated value	0 hp
• at 460/480 V rated value	30 hp
• at 575/600 V rated value	0 hp
Contactor	С. нр
size of contactor	Controller half size 1 3/4
number of NO contacts for main contacts	3
operating voltage for main current circuit at AC at 60 Hz	460 V
maximum	
operational current at AC at 600 V rated value	40 A
mechanical service life (operating 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 DC rated value	0 0 V
• at AC at 50 Hz rated value	380 440 V
• at AC at 60 Hz rated value	440 480 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 of magnet coil	0.85 1.1
percental drop-out voltage of magnet coil related to the input voltage	50 %
ON-delay time	19 29 ms
OFF-delay time	10 24 ms
Overload relay	

product instantion         Yes           = varias full us detection         Yes           = symmetry detector         Yes           = set function         Yes           = set function         Manual automatic and remote           digitable current response value current of the current-         19, 40 A           digitable current response value current of the current-         19, 40 A           restrict repeat accuracy         19, 40 A           restrict repeat accuracy         19, 40 A           restrict repeat accuracy op intel-circuit bard         Yes           number of NC contacts of autoling contacts of overload relay         1           number of NC contacts of autoling contacts of overload relay         1           central relay of auxiliny contacts of overload relay         10, 000 V           settor of auxiliny contacts of availing contacts of overload relay         10, 000 V           settor of auxiliny contacts of overload relay         100, 000 V           settor of auxiliny contacts of availing contacts of overload relay         100, 000 V           settor of auxiliny contacts of availing contacts of overload relay	product function	-
• Product detectionYes• symmal ball detectionYes• symmal ball detectionYes• standardYes• standardYes• standardYes• standardCLASS \$10 (backary self) 20.30adjustable current response value current of the current-10 - 40 Å• product response value current of the current-15 / 10 / 10 / 10 / 10 / 10 / 10 / 10 /	product function	Ver
• eignmathy delectionVis• eignmathy delectionVis• eignmathy delectionVis• eignmathy delectionVis• eignmathy delectionManual, automatic and remotetrp classCLASS 5: 10 (healing self, 20: 30)dependent vertified release10 - 40 Adependent vertified release13 - 40 Adependent vertified release13 - 40 Adependent vertified release13 - 40 Adependent vertified release on partiel-circuit bard14 - 40 Amather of NC cortacts of autility cortacts of overtified release1number of NC cortacts of autility cortacts of overtified release1number of NC cortacts of autility cortacts of overtified release5 A• A IA C ia CA 280 V1Aortact failing of number phase operation at AC rated value800 Veveltor number phase operation at AC rated value800 Vdesign of the roles10 - 800 Aeveltor number phase operation at AC rated value800 Voperation is cortact for aution of the andiasen800 Veveltor number phase operation at AC rated value800 Voperation is cortact for aution of the andiasen800 Veveltor number phase operation at AC rated value80 Aoperation is cortact for aution of the andiasen80 Aoperation is cortact for aution of the andiasen80 A <tr< td=""><td>-</td><td></td></tr<>	-	
• 'end full detectionYes• extinctionYes• extinctionManual, atomatic and renotefip classCLASS /1 0 (factory set) / 20 / 30ediplatible current response value current of the current- dependent overbaid release1040 Aediplatible current response value current of the current- dependent overbaid release3 sediplatible current response value current of the current- dependent overbaid release1product feature protective coaling an printed circuit boardYesunumet of NC contacts of auxiliary contacts of overbaid reley1operational current of auxiliary contacts of overbaid reley1etable seta gala accuracy5 Aetable seta gala accuracy5 Aetable seta gala accuracy5 Aetable seta gala accuracy5 Aetable seta gala duration contacts of overbaid reley1etable seta gala duration contacts of available coverbait of everbait5 Aetable seta gala duration contacts of available second reley5 Aetable seta coverbain at AC rated value500 Vetable seta coverbain at AC rated value<	•	
• est hunctionYes• external resetVesreset hunctionManual, automatic and remotelep desCLASS 5 / 10 (datory set) / 20 / 30lepdatele current of the current1040 Ålepdatele current of the current1540 Ålepdatele current of protective costing on printed circuit bandYesnumber of NC contacts of auxilary contacts of overload relay1orbatele field current of auxiliary contacts of overload relay1• et AC Cat 280 V5 Å• et AC Cat 280 V5 Å <td></td> <td></td>		
• existing read         Yes           resd function         Yes           resd function         CLASS 57 / 0 (factory sof) 20 / 30           adjustable current response value current of the current- oppondit vorticated results         10 - 40 Å           Depandit prime at phase-loss maximum         3 s           resde negred accurscy         1 s           product fortune protective coating on printed circuit board         Yes           number of NC coaties 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         1           operational current of auxiliary contacts of overload relay         50 V           i al C ca 800 V         1 A           contact arting of auxiliary contacts of auxiliary contacts or verload relay         50 V           relay         edgree of tho rolation to AC rated value         50 V           of gree of tho rolation to BLM rating of the encloaure         NEMA 33R         Cecure tracked           degree of the molor protection         Motor circuit protector (tagon)         Sis           peratorin at fact rated value	с. С	
reset hand/on         Manual, automatic and remote           trp class         CLASS 5/10 (factory sel) / 20 / 30           dependent overload release         10 - 40 A           dependent overload release         10 - 40 A           releave repeat accuracy         1 %           product fielture protective castling on printed-circuit baard         Yes           number of NC contacts of acuilary contacts of overload reley         1           unter of NC contacts of acuilary contacts of overload reley         1           exit OC at 280 //         5 A           et DC at 280 //         5 A </td <td></td> <td></td>		
Itip class         CLASS 5/10 (factory set)/20/30           adjustation overhald investment of the current- bigener inter at phase loss maximum         3 a           tippeng time at phase loss maximum         3 a           relative repart accuracy         1 %.           product feature protective coaling on printed circuit board number of NC coatals of a suilage contacts of overload relay         1           penational current of auxilary contacts of overload relay         1           penational current of auxilary contacts of overload relay         1           eventional current of auxilary contacts of overload relay         5.4           eventional current of auxilary contacts of overload relay         5.4           evention while phase operation at AC rated value         300 V           edgree of protection NEMA attag of the enclosure         000 V           edgree of protection NEMA attag of the enclosure         000 V           edgree of protection NEMA attag of the enclosure         000 V           edgree of protection NEMA attag of the enclosure         100000 A           displashbe current of motor protection         Motor circuit protector (magnetic tip only)           operational current of motor protection         Motor circuit protector (magnetic tip only)           operational current of motor protection results attag of the enclosure         100		
adjustable current response value current of the current- dependent oversidan release       1040 Å         Highing from 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         i at D C at 250 V       5 Å         • at D C at 250 V       5 Å         • with single-phase operation at AC rated value       500 V         • with multi-phase operation at AC rated value       500 V         • with multi-phase operation at AC rated value       500 V         Seging of the housing       Weather proof for outdoor use         Circuit Breaker       Yee of the modulary         Yee of the modulary contacts of auxiling relation to the sale rated value       50 A         opticational current of moding for the auxiliantoneous       50 A         opticational current of modular the sale rated value       50 A         optication treas auxiliary contacts of auxiliary contacts       50 A         optication treas auxiliary contacts       50 A         opticatin treas auxiliary contact of notact of numerito of instantaneous<		
dependent overhaad release         3 a           relative procedure coating on printed circuit board         Yes           number of NC contacts of auxiliary contacts of overload relay         1           operational circuit of auxiliary contacts of overload relay         1           operational circuit of auxiliary contacts of overload relay         1           operational circuit of auxiliary contacts of overload relay         1           operational circuit of auxiliary contacts of overload relay         5A           operational circuit of auxiliary contacts of overload relay according to         5A@800VAC (B600), 1A@250VDC (R300)           u.         ontotacts of auxiliary contacts of overload relay according to         5A@800VAC (B600), 1A@250VDC (R300)           u.         overlas trains of auxiliary contacts of overload relay according to         5A@800VAC (B600), 1A@250VDC (R300)           u.         overlas trains of auxiliary contacts of overload relay according to         5A@800VAC (B600), 1A@250VDC (R300)           u.         overlas trains of auxiliary contacts of overload relay according to         5A@900VAC (B600), 1A@250VDC (R300)           u.         overlas trains of auxiliary contacts of overlas trains overlas of the outport of coutboor use         5D           operational circuit trains of auxiliary contacts of overlas overlas trains overlas ove		
relative repeat accuracy     1 %       product feature protective coating on printed-circuit board     Yes       number of NC contacts of auxiliary contacts of overload relay     1       entrop of NC contacts of auxiliary contacts of overload relay     1       entrop of NC contacts of auxiliary contacts of overload relay     1       entrop of NC contacts of auxiliary contacts of overload relay     5A       ent AC at 800 V     5A       ent C at 280 V     1A       sociat straing of auxiliary contacts of overload relay according to U     5A       usitation oftage (U)     600 V       • with mitchplane operation at AC rated value     800 V       edgree of protection NEMA rating of the enclosure     800 V       edgree of protection NEMA rating of the enclosure     900 V       edgree of protection network rating of the enclosure     900 V       operational current of motor circuit breaker rated value     50 A       adjustable current reported for outdoor use     900 A       operational current of motor circuit breaker rated value     50 A       adjustable current reported at 1me-stole to V     900 A       operational current of motor circuit breaker rated value     50 A       adjustable current reported at 1me-stole for MAYG calles     900 A       operational current of motor circuit breaker rated value     50 A       adjustable current reportex-section of supply		10 40 A
product feature protective coating on printed-circuit board         Yes           number of NC contacts of auxiliary contacts of overfoad relay         1           operational current of auxiliary contacts of overfoad relay         1           et AC at 600 V         5 Å           et AC at 600 V         5 Å           et AC at 600 V         5 Å           undict of auxiliary contacts of overfoad relay according to         5 Å           undict on voltage (U)         5 Å           outlet a traing of auxiliary contacts of overfoad relay according to         5 Å           undiction voltage (U)         5 Å           outlet at traing of auxiliary contacts of overfoad relay according to         5 Å           undiction voltage (U)         600 V           design of the housing         Weather proof for outdoor use           Circuit Brazker         NEMA 33R           design of the housing         160 600 A           adjustable current of instantaneous shot.         160 600 A           shot.         Surface mounting and installation           Uspe of electrical connection for supply voltage line-side         10x (10 AWG 10 AWG)	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           • at AC at 600 V         5 A           • at C at 250 V         1 A           contacts of auxiliary contacts of overload relay excording to U.L.         5 A           • at C at 250 V         1 A           contact reling of auxiliary contacts of overload relay according to U.L.         5 A@@00VAC (B600), 1 A@250VDC (R300)           insulation vottage (U)         5 A@@00VAC (B600), 1 A@250VDC (R300)           insulation vottage (U)         5 A@@00VAC (B600), 1 A@250VDC (R300)           insulation vottage (U)         5 A@@00VAC (B600), 1 A@250VDC (R300)           insulation vottage (U)         5 A@@00VAC (B600), 1 A@250VDC (R300)           insulation vottage (U)         5 O           • with mitphase operation at AC rated value         500 V           insulation vottage (U)         5 O           bype of the housing         Weather proof for outdoor use           Circuit frag unt for doc ricuit braker rated value         50 A           inglustable current response value current of instantaneous         50 A           inglustable current response value current of instantaneous         50 A           inglustable current response value current of instantaneous         50 A           t	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         5.A           insulation voltage (U)         5.A           • with single-phase operation at AC rated value         500 V           • with multi-phase operation at AC rated value         500 V           • with multi-phase operation at AC rated value         500 V           • with multi-phase operation at AC rated value         500 V           Gegree of protection NEMA rating of the enclosure         NEMA 3/3R           design of the housing         Weather proof for outdoor use           Official Branker         50 A           edgree of protection NEMA rating of the enclosure         NEMA 3/3R           Operational current of motor circuit brasker rated value         50 A           adjustable current response value current of instantaneous of hort oricuit protector (magnetic trip only)         perational           type of electrical connection for supply woltage line-side for         Yr (10 AWG100 AWG)           type of electrical connection for supply moting electrical connection for supply moting electrical connection for load-side outgoing feeder         Xr (10 AWG100 AWG)           type of electrical connectable cond	product feature protective coating on printed-circuit board	Yes
operational current of auxiliary contacts of overload relay         5 A           • at AC at 800 V         5 A           • at C at 250 V         1 A           contact rating of auxiliary contacts of overload relay according to U.         5 A           • exit C at 800 V         5 A           • exit C at 800 V         5 A           • exit C at 800 V         5 A           • exit Single-phase operation at AC rated value         500 V           • with multi-phase operation at AC rated value         500 V           • exit Bringle-phase operation at AC rated value         500 V           • exit Bringle-phase operation at AC rated value         500 V           • exit Bringle-phase operation at AC rated value         500 V           • exit Bringle-phase operation at AC rated value         500 V           • exit Bringle-phase operation at AC rated value         500 V           • operational current of motor incub breaker rated value         50 A           • disubable current response value current of Instantaneous         500 A           • disubable current response value current of Instantaneous         50 A           • poor of the conductor for supply voltage line-side         50 A la           • poor of one-clable conductor ros-sections for AUK of 200 V         50 C           • poor one-clable conductor for supply maximum permissible	number of NC contacts of auxiliary contacts of overload relay	1
	number of NO contacts of auxiliary contacts of overload relay	1
• at DC at 250 V         1A           contact rating of auxilary contacts of overload relay according to U         5A@600VAC (B600), 1A@250VDC (R300)           • with single-phase operation at AC rated value         500 V           • with multi-phase operation at AC rated value         300 V           Enclosure         Weather proof for outdoor use           Circuit Dreaker         Weather proof for outdoor use           Circuit Dreaker         50 A           Adjustable current of motor circuit breaker rated value         50 A           Adjustable current response value current of instantaneous         50 A           adjustable current response value current of instantaneous         50 A           Adjustable current response value current of instantaneous         50 A           Adjustable current response value current of instantaneous         50 A           Adjustable current response value current of instantaneous         50 A           Adjustable current response value current of instantaneous         50 A           Adjustable current response value current of instantaneous         50 A           Adjustable current response value current of instantaneous         50 A           Adjustable current response value current of instantaneous         50 A           Adjustable current response value current of instantaneous         50 A           Enclosecurrent response value	operational current of auxiliary contacts of overload relay	
contect reling of auxiliary contacts of overload relay according to UL         5A@800VAC (8600), TA@250VDC (R300)           insidiation voltage (U)         600 V           • with single-phase operation at AC rated value         600 V           ewith multi-phase operation at AC rated value         600 V           edges of the housing         Weather proof for outdoor use           Circuit Breaker         Weather proof for outdoor use           type of the motor protection         Motor circuit protector (magnetic trip only)           operational current of motor circuit breaker rated value         50 A           adjustable current response value current of instantaneous short-circuit try unit         180 600 A           Mountingwrking         180 10 AWG)         180 10 AWG)           Pye of the conductor for supply voltage line-side type of connectable conductor conse-sections at line-side for AWG cables single or multi-stranded         170 °C           Imperature of the conductor for supply watmum permissible         75 °C           material of the conductor for load-side outgoing feeder         54 45 bin           type of oonnectable conductor conse-sections at 100 540 with and the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         75 °C           material	• at AC at 600 V	5 A
UL     Insulation voltage (U)       • with single-phase operation at AC rated value     600 V       • with mult-phase operation at AC rated value     300 V       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       degree of protection NEMA rating of the enclosure     NEMA 3/3R       operational current of motor circuit breaker rated value     50 A       algustable current response value current of instantaneous     Motor circuit protector (magnetic trip only)       operating method     Surface mounting and installation       type of operatical connection for supply voltage line-side for     1x (10 AWG 1/0 AWG)       type of electrical connection for supply maximum permissible     75 °C       material of the conductor for load-side outgoing feeder     45 45 lbr/in       type of electrical connection for load-side outgoing feeder	• at DC at 250 V	1 A
Insulation voltage (U)       600 V         • with single-phase operation at AC rated value       600 V         • with multi-phase operation at AC rated value       600 V         Enclosure       MEMA 3/3R         degred of the housing       Weather proof for outdoor use         Circuit Breaker       Motor circuit protector (magnetic trip only)         operational current of motor circuit breaker rated value       50 A         adjustable current response value current of instantaneous short-circuit trop unit up unit       180 600 A         Mounting Viring       Surface mounting and installation         Mype of electrical connection for supply voltage line-side       Box lug         type of electrical connection for supply voltage line-side for dxVG calues single or multi-straned       180 600 A         Marce calues single or multi-straned       Box lug         type of electrical connection for supply voltage line-side       Box lug         type of electrical connection for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       75 °C         temperature of the conductor for load-side outgoing feeder       45 45 lbfin         type of electrical connection for load-side outgoing feeder       45 42 bbfin         type of electrical connection for load-side outgoing feeder       75 °C         temapera	· · · ·	5A@600VAC (B600), 1A@250VDC (R300)
• with single-phase operation at AC rated value         600 V           • with mult-phase operation at AC rated value         300 V           Pactosure         NEMA 3/3R           design of the housing         Weather proof for outdoor use <b>Circuit Breaker</b> Veather proof for outdoor use           Ype of the motor protection         Motor circuit protector (magnetic trip only)           operational current of motor circuit breaker rated value         50 A           mounting position         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 for         Xir(10 AWG 1/0 AWG)           Vype 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         Screw-type terminals           tope of connectable conductor cores-sections for AWG cables         1X (14 2 AWG)           type of electrical connection of nads-ide outgoing feeder         75 °C           material of the conductor for load-side outgoing feeder         52 °C           material of the conductor for load-side outgoing feeder         52 °C           material of the c		
with multi-phase operation at AC rated value     Support Section NEMA rating of the enclosure     Metha 3/3R     Meather proof for outdoor use     Circuit Breaker     yep of the notor protection     Operational current of motor circuit breaker rated value     50 A     adjustable current response value current of instantaneous     short-circuit protector (magnetic trip only)     operational current of motor circuit breaker rated value     50 A     adjustable current response value current of instantaneous     short-circuit protector (magnetic trip only)     operational current of motor circuit breaker rated value     Sufface mounting and installation     Wertical     Isstening method     Surface mounting and installation     Ype of electrical connection for supply voltage line-side     Dex Ng     Ype of one-clable conductor rors supply outage line-side     Tx (10 AWG 1/0 AWG)     Ype of one-clable conductor rors supply     AL or CU     Ype of electrical connection for supply maximum permissible     To 'C     material of the conductor for supply maximum permissible     Yor of one-clable conductor rors supply     AL or CU     Ype of electrical connection of noda-side outgoing feeder     Screw-ype terminals     Ightening torque [bf-in] for load-side outgoing feeder     Xi (14 2 AWG)     Ype of electrical connection of magnet coll     Screw-ype terminals     Ightening torque [bf-in] at contactor for auxiliary contacts     Screw-ype terminals     Ightening torque [bf-in] at contactor for auxiliary contacts     Screw-ype terminals     Ightening torque [bf-in] at contactor for auxiliary contacts     Screw-ype terminals     Ightening torque [bf-in] at contactor for auxiliary contacts     Screw-ype terminals     Ightening torque [bf-in] at c		600 V
Enclosure         NEMA 3/3R           degre of protection NEAA rating of the enclosure         NEMA 3/3R           Weather proof for outdoor use         Circuit Breaker           Circuit Breaker         50 A           operational current of motor circuit breaker rated value         50 A           adjustable current response value current of instantaneous         180600 A           short-circuit trip unit         Wortical           Mounting/Wring		300 V
Joint The housing         Weather proof for outdoor use           Circuit Breaker         Vipe of the motor protection         Motor circuit protector (magnetic trip only)           operational current of motor circuit breaker rated value         50 A         adjustable current response value current of instantaneous           short-circuit fip unit         180 600 A         180 600 A           Mounting viring         Wertical         fastening method           Type of electrical connection for supply voltage line-side         Box lug         190 600 A           YAVC cables single or multi-stranded         Surface mounting and installation         190 600 A           Type of connectable conductor for supply voltage line-side for AVC cables single or multi-stranded         110 AWG 110 AWG)           VAVC cables single or multi-stranded         125 ° ° C         110 AWG 110 AWG)           Type of electrical connection for load-side outgoing feeder         45 45 lbf:in         110 AWG cables           Type of electrical connection for load-side outgoing feeder         125 ° ° C         110 AWG cables           To load-side outgoing feeder single or multi-stranded         120 120 AWG)         110 AWG cables           Imaterial of the conductor for load-side outgoing feeder         AL or CU         110 AWG cables single or multi-stranded           Itemperature of the conductor for load-side outgoing feeder		
Circuit Breaker         Motor circuit protector (magnetic trip only)           operational current of motor circuit breaker rated value         50 A           adjustable current response value current of instantaneous         180 600 A           short-circuit trip unit         180 600 A           Mounting/wring         mounting position           Vertical         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           type of electrical connection for supply maximum permissible         75 °C           material of the conductor for supply maximum permissible         Screw-type terminals           tightening torque [lbf-in] for load-side outgoing feeder         45 °C           maximum permissible         75 °C           material of the conductor for supply maximum permissible         1x (10 AWG)           type of electrical connection for load-side outgoing feeder         5 45 lbf-in           type of electrical connection for load-side outgoing feeder         4 42 AWG)           for load-side outgoing feeder single or multi-stranded         1x (1 2 AWG)           type of electrical connection for load-side outgoing feeder         4 42 lbf-in           type of connectable conductor rors-sections of magnet coil         5 12 lbf-in           type of electrical connection of magnet coil         5 1	degree of protection NEMA rating of the enclosure	NEMA 3/3R
type of the motor protection         Motor circuit protector (magnetic trip only)           operational current of motor circuit breaker rated value         50 A           adjustable current response value current of instantaneous         180 600 A           Mounting/wiring         180 600 A           mounting position         Vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           type of connectable conductor cross-sections at line-side for         1x (10 AWG 1/0 AWG)           AVAC cables single or multi-stranded         Ts "C           material of the conductor for supply maximum permissible         75 "C           material of the conductor for load-side outgoing feeder         45 45 Ibin           type of electrical connection for load-side outgoing feeder         75 "C           material of the conductor for load-side outgoing feeder         75 "C           material of the conductor for load-side outgoing feeder         75 "C           material of the conductor for load-side outgoing feeder         75 "C           material of the conductor for load-side outgoing feeder         75 "C           material of the conductor for load-side outgoing feeder         75 "C           type of electrical connection of magnet coil         5 12 Ibin	design of the housing	Weather proof for outdoor use
operational current of motor circuit breaker rated value       50 A         adjustable current response value current of instantaneous       180 600 A         Mounting wiring       180 600 A         Mounting wiring       180 600 A         Mounting wiring       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         type of electrical connection for supply water and the side for AWG cables single or multi-stranded       1x (10 AWG 1/0 AWG)         temperature of the conductor cross-sections at line-side for advisite outgoing feeder       1x (10 AWG 1/0 AWG)         type of electrical connection for load-side outgoing feeder       45 45 lob/in         type of electrical connection for load-side outgoing feeder       45 45 lob/in         type of electrical connection 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       2 2 lob/in         tightening torque [Ibrin] for load-side outgoing feeder       1x (14 2 AWG)         type of electrical connection of magnet coil       5 12 lob/in         type of electrical connection of magnet coil       5 12 lob/in         type of electrical connection of auxiliary contacts       5 °C         material of the	Circuit Breaker	
Adjustable current response value current of instantaneous short-circuit trip unit       180 600 A         Mounting/wiring       mounting position       Vertical         fastening method       Surface mounting and installation         type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded       1x (10 AWG 10 AWG)         type of connectable conductor for supply maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       45 45 lbf.in         type of connectable conductor for supply roll speeder       45 45 lbf.in         type of connectable conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       1x (14 2 AWG)         for load side outgoing feeder single or multi-stranded       1x (14 2 AWG)         tro load side outgoing feeder single or multi-stranded       1x (14 2 AWG)         material 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       5 12 lbf.in         type of electrical connection of magnet coil       5 12 lbf.in         type of electrical connector at magnet coil       5 12 lbf.in         type of electrical connector at contactor for auxiliary contacts       10 15 lbf.in </td <td>type of the motor protection</td> <td>Motor circuit protector (magnetic trip only)</td>	type of the motor protection	Motor circuit protector (magnetic trip only)
short-circuit trip unit         Mounting/wiring           Mounting/wiring         Mounting position         Vertical           fastening method         Surface mounting and installation         Surface mounting and installation           type of electrical connection for supply voltage line-side for AWG cables single or multi-stranded         Box lug           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 feeder         Screw-type terminals           tightening torque [lbf-in] for load-side outgoing feeder         45 45 lbf-in           type of electrical connection for load-side outgoing feeder         75 °C           temperature of the conductor for load-side outgoing feeder         45 45 lbf-in           type of electrical connection for load-side outgoing feeder         75 °C           material 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 connectable conductor for load-side outgoing feeder         AL or CU           type of electrical connectable conductor for load-side outgoing feeder         AL or CU           type of electrical connectable conductor for auxiliary contacts         5 12 lbf-in           type of el	operational current of motor circuit breaker rated value	50 A
Mounting/wiring         Vertical           mounting position         Vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         Tx (10 AWG 1/0 AWG)           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for supply on premissible         Screw-type terminals           tightening torque [bit-in] for load-side outgoing feeder         Screw-type terminals           tightening torque [bit-in] for load-side outgoing feeder         AL or CU           type of electrical connection for load-side outgoing feeder         TS °C           maximum permissible         TS °C           maximum permissible         TS °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 [bf-in] tor load-side outgoing feeder         AL or CU           type of electrical connection of magnet coil         Screw-type terminals           tightening torque [bf-in] at magnet coil         Screw-type terminals           tightening torque [bf-in] at magnet coil         Screw-type terminals		180 600 A
mounting position       Vertical         fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         type of electrical connection for supply maximum permissible       1x (10 AWG 1/0 AWG)         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       Sorew-type terminals         tightening torque [Ibf-In] for load-side outgoing feeder       45 45 lbf-in         type of electrical connection for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       1x (14 2 AWG)         for load-side outgoing feeder or multi-stranded       1x (14 2 AWG)         temperature of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       24 Lor CU         type of electrical connection of magnet coil       5 12 lbf-in         type of electrical connection at magnet coil of axiliary contacts       2x (16 12 AWG)         AWG cables single or multi-stranded       1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)         temperature of the conductor at contactor for auxil		
fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         type of connectable conductor cross-sections at line-side for AWC cables single or multi-stranded       1x (10 AWG 1/0 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       45 45 lbf-in         type of connectable conductor for load-side outgoing feeder       75 °C         maximum permissible       75 °C         femperature of the conductor for load-side outgoing feeder       45 45 lbf-in         type of connectable conductor for load-side outgoing feeder       75 °C         maximum permissible       75 °C         material 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 connectable conductor for load-side outgoing feeder       AL or CU         type of connectable conductor rors-sections of magnet coil       5 12 lbf-in         type of connectable conductor at magnet coil       5 12 lbf-in         type of electrical connection at contactor for auxiliary contacts       10 15 lbf-in         typ		Vertical
type of electrical connectable conductor cross-sections at line-side for AWG cables single or multi-strandedBox lugtype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (10 AWG 1/0 AWG)temperature of the conductor for supplyAL or CUtype of electrical connectable conductor for load-side outgoing feederScrew-type terminalstightening torque [Ibf in] for load-side outgoing feeder45 45 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 feederAL or CUtype of electrical connectable conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connectable conductor for load-side outgoing feeder2x (16 12 AWG)material of the conductor for load-side outgoing feeder2x (16 12 AWG)type of connectable conductor at magnet coil5 12 lbf intype of connectable conductor at magnet coil2x (16 12 AWG)two of the conductor at magnet coilCUtype of electrical connectable conductor for auxiliary contacts10 15 lbf intype of connectable conductor at contactor for auxiliary contacts10 12 lAWG), 2x (18 16 AWG)tightening torque [Ibf in] at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts10 15 lbf in </td <td></td> <td></td>		
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (10 AWG 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 feeder5crew-type terminalstightening torque [lbf·in] for load-side outgoing feeder45 45 lbf·intype of onnectable conductor rorse-sections for AWG cables for load-side outgoing feeder single or multi-stranded75 °Cmaterial of the conductor for load-side outgoing feeder75 °Cmaximum 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 electrical connectable conductor rorse-sections of magnet coil for2x (16 12 AWG)AWG cables single or multi-stranded75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contacts10 15 lbf·intype of electrical connection at contactor for auxiliary contacts10 15 lbf·intype of electrical connection at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts11 12 AWG), 2x (16 14		
AWG cables single or multi-stranded       75 °C         material of the conductor for supply maximum permissible       75 °C         material of the conductor for supply       AL or CU         type of electrical connection for load-side outgoing feeder       45 45 lbf-in         type of electrical connectable conductor ross-sections for AWG cables       1x (14 2 AWG)         for load-side outgoing feeder single or multi-stranded       75 °C         material of the conductor for load-side outgoing feeder       AL or CU         temperature 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] 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       Screw-type terminals         tightening torque [lbf-in] at contactor for auxiliary contacts       Screw-type terminals         tightening torque [lbf-in] at contactor for auxiliary contacts       Screw-type terminals         tightening torque [lbf-in] at contactor for auxiliary contacts       10 15 lbf-in         type of electrical connection at contactor for auxiliary contacts       75 °C         type of the conductor at contactor for auxiliary contacts       10 15 lbf-in         ty		
material of the conductor for supplyAL or CUtype of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf-in] for load-side outgoing feeder45 45 lbf-intype of connectable conductor cross-sections for AWG cables1x (14 2 AWG)temperature of the conductor for load-side outgoing feeder75 °Cmaterial of the conductor for load-side outgoing feederAL or CUtype of electrical connectable conductor for load-side outgoing feederAL or CUtype of electrical connection of magnet coil5 12 lbf-intype of electrical connectable conductor at 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 at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts10 15 lbf-intype of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts10 15 lbf-intype of electrical connection at contactor for auxiliary contacts10 14 AWG), 2x (18 16 AWG)type of the conductor at contactor for auxiliary c	AWG cables single or multi-stranded	
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf in] for load-side outgoing feeder45 45 lbf intype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded1x (14 2 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 coil5crew-type terminalstightening torque [lbf in] at magnet coil5 12 lbf intwpe of connectable conductor ar magnet coil magnet coil of the conductor at magnet coil magnet coil of the conductor at magnet coil magnet coil2x (16 12 AWG)type of electrical connection at contactor for auxiliary contacts75 °Ctemperature of the conductor at magnet coil maximum permissible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connectable conductor for auxiliary contacts5crew-type terminalstightening torque [lbf in] at contactor for auxiliary contacts10 15 lbf intype of electrical connectable conductor at contactor for auxiliary contacts10 15 lbf intype of connectable conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts10 12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)type of electrical connection at contactor for auxiliary contacts75 °Cmaximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts10 15 lbf intype of electrical connection a		
In <td></td> <td></td>		
type of connectable conductor cross-sections for 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 itghtening torque [lbf-in] at magnet coilAL or CUtype of electrical connection of magnet coil5 12 lbf-intype of connectable conductor at magnet coil maximum 	51 0 0	
for load-side outgoing feeder single or multi-stranded75 °Ctemperature of the conductor for load-side outgoing feeder material 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 permissible2x (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 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf·in] at contactor for auxiliary contacts10 15 lbf·intype of connectable conductor at contactor for auxiliary contacts11 x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Ctightening torque [lbf·in] at contactor for auxiliary contacts10 15 lbf·intype of connectable conductor at contactor for auxiliary contacts75 °Cmaximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for aux		
maximum permissiblematerial 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 coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contactsCUtype of electrical connection at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor cross-sections at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts10 16 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts10 15 lbf-intype of electrical connection at contactor for auxiliary contacts75 °Cmaximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary cont	for load-side outgoing feeder single or multi-stranded	
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 at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts10 12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °C <td></td> <td></td>		
tightening 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 at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Ctightening torque [lbf-in] at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts25 °Cmaterial of the conductor at contactor for auxiliary contacts25 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUtype of electrical connection at overload relay for auxiliary contactsScrew-type terminals	material of the conductor for load-side outgoing feeder	AL or CU
type 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 at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Ctemperature of the conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUtype of electrical connection at overload relay for auxiliaryScrew-type terminals	type of electrical connection of magnet coil	
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 at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor at contactor for auxiliary contacts11 15 lbf-intype of connectable conductor at contactor for auxiliary contacts12 16 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUtype of electrical connection at overload relay for auxiliaryScrew-type terminals		
permissibleCUmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUtype of electrical connection at overload relay for auxiliary contactsScrew-type terminals		2x (16 12 AWG)
type of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts10 15 lbf-intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUtype of electrical connection at overload relay for auxiliary contactsScrew-type terminals		75 °C
tightening torque [lbf·in] at contactor for auxiliary contacts10 15 lbf·intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)temperature of the conductor at contactor for auxiliary contacts maximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts CUCUtype of electrical connection at overload relay for auxiliary contactsScrew-type terminals	material of the conductor at magnet coil	CU
type of connectable conductor cross-sections at contactor for       1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)         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       75 °C         material of the conductor at contactor for auxiliary contacts       CU         type of electrical connection at overload relay for auxiliary       Screw-type terminals	type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
AWG cables for auxiliary contacts single or multi-stranded         temperature of the conductor at contactor for auxiliary contacts         maximum permissible         material of the conductor at contactor for auxiliary contacts         CU         type of electrical connection at overload relay for auxiliary         Screw-type terminals		
maximum permissible     Imaterial of the conductor at contactor for auxiliary contacts     CU       type of electrical connection at overload relay for auxiliary contacts     Screw-type terminals	· · · · · · · · · · · · · · · · · · ·	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
type of electrical connection at overload relay for auxiliary contacts Screw-type terminals		
contacts		75 °C
tightening torque [lbf·in] at overload relay for auxiliary contacts 7 10 lbf-in	maximum permissible	
	maximum permissible material of the conductor at contactor for auxiliary contacts type of electrical connection at overload relay for auxiliary	CU

	_	
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 short-circuit trip	Instantaneous trip circuit breaker	
maximum short-circuit current breaking capacity (Icu)		
• at 240 V	100 kA	
• at 480 V	100 kA	
• at 600 V	25 kA	
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=US2:88EUEC4MH		
Service&Support (Manuals, Certificates, Characteristics, FAQs,) https://support.industry.siemens.com/cs/US/en/ps/US2:88EUEC4MH		

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:88EUEC4MH&lang=en

Certificates/approvals https://support.industry.siemens.com/cs/US/en/ps/US2:88EUEC4MH/certificate

last modified:

11/29/2021 🖸