## SIEMENS

## Data sheet

## US2:LEBT2B003480B



Electrically held lighting contactor, Contactor amp rating 20A, 0 N.C. / 3 N.O. Poles, 480VAC 60HZ coil, Combination type, 20A circuit breaker, Enclosure NEMA type 12, Dust/drip proof for indoors

product brand name	Class LE
design of the product	Electrically held lighting contactor with circuit breaker
special product feature	Compact design; Finger safe control terminals
General technical data	
weight [lb]	27 lb
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]	
during storage	-67 +176 °F
during operation	32 104 °F
ambient temperature	
during storage	-55 +80 °C
during operation	0 40 °C
country of origin	USA
Contactor	
size of contactor	20 Amp
number of NO contacts for main contacts	3
number of NC contacts for main contacts	0
operating voltage for main current circuit at AC at 60 Hz maximum	600 V
mechanical service life (operating cycles) of the main contacts typical	3000000
contact rating of the main contacts of lighting contactor	
<ul> <li>with electronic ballast [LED driver] (1 pole per 1 phase) rated value</li> </ul>	8A @120V / 3A @277V 1p 1ph
<ul> <li>at tungsten (1 pole per 1 phase) rated value</li> </ul>	20A @277V 1p 1ph
<ul> <li>at tungsten (2 poles per 1 phase) rated value</li> </ul>	20A @480V 2p 1ph
<ul> <li>at tungsten (3 poles per 3 phases) rated value</li> </ul>	20A @480V 3p 3ph
<ul> <li>at ballast (1 pole per 1 phase) rated value</li> </ul>	20A @347V 1p 1ph
<ul> <li>at ballast (2 poles per 1 phase) rated value</li> </ul>	20A @600V 2p 1ph
<ul> <li>at ballast (3 poles per 3 phases) rated value</li> </ul>	20A @600V 3p 3ph
<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	20A @600V 1p 1ph
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	20A @600V 2p 1ph
<ul> <li>at resistive load (3 poles per 3 phases) rated value</li> </ul>	20A @600V 3p 3ph
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	4
contact rating of auxiliary contacts of contactor according to UL	A600 / Q600
Coil	

Type of Volage of Index Suppression       Ac         • et AC at 80 Hz rated value       480 V         • et AC at 80 Hz rated value       480 V         apparent pick-up power of magnet coil at AC       48 VA         apparent pick-up power of magnet coil at AC       48 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1         regret of protection NEMA rating of the enclosure       0.85 1.1         degree of protection NEMA rating of the enclosure       0.85 1.1         operating range factor control supply voltage rated value       20 A         Mounting/writing       Circuit breaker with thermal and fixed magnetic trip         operating method       Surface mounting and installation         type of the motor protection       Circuit breaker with thermal and fixed magnetic trip         operating method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         type of electrical connection for load-side outgoing feeder       1x (14 10 AWG) or 1x (12 10 AWG)         type of electrical connection for load-side outgoing feeder       7x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG         type of electrical connection for load-side outgoing feeder       2x (20 16 AWG), 2x (18 14 AWG)         type of electrical connector for auxillary contacts		
• et AC et 60 Hz rated value         480 V           apparent holiding power of magnet coll at AC         31.7 VA           apparent holiding power of magnet coll at AC         48.VA           operating range factor control supply voltage rated value of magnet coll         0.85 1.1           magnet coll         0.85 1.1           degree of protection NEMA rating of the enclosure         dustproof and drip-proof for indoor use           Great breaker with thermal and fixed magnetic tip         operational current of motor circuit breaker rated value           operational current of motor circuit breaker rated value         20.A           Mountingpwitting         Surface mounting and installation           type of the motor supply voltage ine-side         Box kg           type of electrical connection for supply voltage ine-side         Box kg           type of electrical connection for supply watmum permissible         75 °C           material of the conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         77 °C           type of electrical connection for load-side outgoing feeder         72 °C           type of electrical connection for load-side outgoing feeder         72 °C           type of electrical connection for load-side outgoing feeder         72 °C           type of electrical connection for load-side outgoing feeder	type of voltage of the control supply voltage	AC
apparent pick-up power of magnet coil at AC       31.7 VA         apparent holding power of magnet coil at AC       4.8 VA         operating range factor control supply voltage rated value of magnet coil       0.85 1.1         Enclosure       0.85 1.1         degree of protection NEMA rating of the enclosure       NEMA 12 enclosure         degree of protection NEMA rating of the enclosure       NEMA 12 enclosure         Orcuit Breaker       20.4         Workingswing       Circuit breaker with thermal and fixed magnetic trip         operational current of motor circuit breaker rated value       20.4         Mountingswing       Vertical         fastening method       Surface mounting and installation         type of ethe conductor for supply voltage line-side       Box lug         type of ethercial connection for supply waitmum permissible       7s °C         material of the conductor for supply       AL or CU         type of ethercial connection for load-side outgoing feeder       7 12 Bu/in         type of ethercial connection or load-side outgoing feeder       7s °C         material of the conductor for load-side outgoing feeder       7 10 Eu/in         type of ethercial connection for load-side outgoing feeder       7 10 Eu/in         type of ethercial connection of nod-side outgoing feeder       7 10 Eu/in		100.14
apparent holding power of magnet coil at AC         4.8 VA           operating range factor cortrol supply voltage rated value of magnet coil         0.85 1.1           rendocure         NEMA 12 enclosure           degree of protection NEMA rating of the enclosure dusproof and drip-proof for indoor use         0.85 1.1           Special protection NEMA rating of the enclosure dusproof and drip-proof for indoor use         0.85 1.1           Special protection         Circuit breaker with thermal and fixed magnetic trip opportunity of motor circuit breaker rated value         20.A           Mountingywring         20.A         Surface mounting and installation           type of the conductor for supply voltage line-side         Box lug         1ype of connectable conductor consupply maximum permissible           temperature of the conductor for supply maximum permissible         75 °C         Tail priminal           fightering torque [bit] for load-side outgoing feeder         76 °C         Tail primation           temperature of the conductor for supply collage feeder         76 °C         Tail primation           temperature of the conductor for load-side outgoing feeder         76 °C         Tail primation           type of onnectable conductor cross-sections for AWG cables         27 °C         Tail primation           temperature of the conductor for load-side outgoing feeder         76 °C         Tail primation		
operating range factor control supply voltage rated value of magnet coll         0.85 1.1           Enclosure         NEMA 12 enclosure           degree of protection NEMA rating of the enclosure         NEMA 12 enclosure           design of the housing         dustproof and drip-proof for indoor use           Circuit Breaker         Oricuit breaker with thermal and fixed magnetic trip           opperational current of motor circuit breaker rated value         20 A           Mounting/wring         Surface mounting and installation           fype of electrical connection for supply voltage line-side         Box lug           Vpc of connectable conductor rosus-sections at line-side for         1x (14 10 AWG) or 1x (12 10 AWG)           VPc of connectable conductor rosus-sections for NWG cables         Screw-type terminals           type of electrical connection for load-side outgoing feeder         7 72 Ub/in           type of electrical connection for load-side outgoing feeder         7 72 Ub/in           type of electrical connection of magnet coll         Screw-type terminals           type of electrical connection of magnet coll         7 72 Ub/in           type of electrical connection of magnet coll         7 72 Ub/in           type of one-bable conductor cross-sections of magnet coll for         7 72 Ub/in           type of electrical connection of magnet coll         7 72 Ub/in		
magnet coll         Instrume           Enclosure         Gegree of protection NEMA rating of the enclosure         NEMA 12 enclosure           design of the housing         dustproof and drip-proof for indoor use           Circuit Breaker         Surface           Operational current of motor circuit breaker rated value         20 A           Mounting/Wring         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           type of electrical connection for supply voltage line-side         Tx (14 10 AWG) or 1x (12 10 AWG)           type of electrical connection for supply maximum permissible         75 °C           material of the conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         7 12 b/in           type of electrical connection for load-side outgoing feeder         7 12 b/in           type of electrical connection for load-side outgoing feeder         7 12 b/in           type of electrical connection for load-side outgoing feeder         7 12 b/in           type of electrical connection for load-side outgoing feeder         7 10 kWG), 2x (18 14 AWG), 2x 12 AWG           type of connectable conductor for load-side outgoing feeder         7 12 b/in           type of connectable conductor for load-side outgoing feeder         7		
degree of protection NEMA rating of the enclosure         NEMA 12 enclosure           design of the housing         dustprof and ditp-proof for indoor use           Circuit Breaker         20 A           MountingWring         20 A           MountingWring         50 A           Type of electrical connection for supply voltage line-side         Box lug           Type of electrical connection for supply maximum permissible         75 °C           Immaterial of the conductor for supply maximum permissible         76 °C           Type of electrical connection for load-side outgoing feeder         57 °C           To load-side outgoing feeder         71 °C °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         72 °C           Audo to conductor for load-side outgoi	magnet coil	0.85 1.1
design of the housing     dustproof and drip-proof for indoor use       Circuit Breaker     ype of the motor protection     Circuit breaker with thermal and fixed magnetic trip       operational current of motor circuit breaker rated value     20 A       Mounting/wring     20 A       mounting position     Vertical       fastening method     Surface mounting and installation       type of electrical connection for supply voltage line-side for     1x (14 10 AWG) or 1x (12 10 AWG)       type of electrical connection for supply maximum permissible     75 ° C       material of the conductor for supply maximum permissible     2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG       type of electrical connection for load-side outgoing feeder     7 12 Ibrin       type of electrical connection for load-side outgoing feeder     7 C       temperature of the conductor for load-side outgoing feeder     7 12 Ibrin       type of electrical connection for load-side outgoing feeder     7 C       temperature of the conductor for load-side outgoing feeder     7 CU       type of electrical connection of magnet coil     7 S ° C       material of the conductor for load-side outgoing feeder     7 12 Ibrin       type of electrical connection of magnet coil     7 10 Ibrin       type of electrical connection of magnet coil     7 10 Ibrin       type of electrical connection of roausilary contacts     7 S ° C	Enclosure	
Circuit Breaker       Circuit breaker with thermal and fixed magnetic trip         operational current of motor circuit breaker rated value       20 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       1x (14 10 AWG) or 1x (12 10 AWG)         WWG cables single or multi-stranded       Ts °C         material of the conductor for supply maximum permissible       75 °C         Mounting [bit min torque [bit in fit nois-side outgoing feeder       7 12 librin         Ype of electrical connection for load-side outgoing feeder       7 12 librin         Ype of onectable conductor for load-side outgoing feeder       7 10 librin         Ype of electrical connection of magnet coil       Screw-type terminals         tightening torque [bit in fit nagnet coil       7 10 librin         Ype of electrical connection of magnet coil       7 s °C         temperature of the conductor for load-side outgoing feeder       70 °C         temperature of the conductor at magnet coil       7 10 librin         Ype of electrical connection of magnet coil       7 10 librin         Ype of electrical connection to contac	degree of protection NEMA rating of the enclosure	NEMA 12 enclosure
type of the motor protection         Circuit breaker with thermal and fixed magnetic trip           operational current of motor circuit breaker rated value         20 A           Mounting/Wiring         20 A           mounting position         Vertical           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           type of other conductor or supply maximum permissible         75 °C           material of the conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         Srew-type terminals           tightening torque [lbf-in] for load-side outgoing feeder         76 °C           for condectable conductor for load-side outgoing feeder         76 °C           temperature of the conductor for load-side outgoing feeder         77 °C           type of electrical connectable conductor for load-side outgoing feeder         76 °C           material of the conductor for load-side outgoing feeder         75 °C           type of othe conductor for load-side outgoing feeder         76 °C           type of onnectable conductor cores-sections of magnet coil         7 °. °C           type of onnectable conductor cores-sections of magnet coil for 2. °C         2x (20 16 AWG), 2x (18 14 AWG)           type of electrical connection of magnet coil	design of the housing	dustproof and drip-proof for indoor use
operational current of motor circuit breaker rated value         20 A           Mounting voiring         mounting position           fastening method         Surface mounting and installation           type of electrical connection for supply voltage line-side         Box lug           two of electrical connection for supply voltage line-side for AWG cables single or multi-stranded         Tx (14 10 AWG) or 1x (12 10 AWG)           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         7 12 lbFin           type of electrical connection for load-side outgoing feeder         7 12 lbFin           tor load-side outgoing feeder single or multi-stranded         75 °C           temperature of the conductor for load-side outgoing feeder         75 °C           maximum permissible         75 °C           maximum permissible         75 °C           material of the conductor for load-side outgoing feeder         75 °C           maximum permissible         75 °C           maximum permissible         75 °C           temperature of the conductor for load-side outgoing feeder         70 °C           type of electrical connection of magnet coil         7 10 lbFin           type of electrical connection of magnet coil for auxiliary contacts         72 °C           cellspitening	Circuit Breaker	
Mounting position         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 (14 10 AWG) or 1x (12 10 AWG)           temperature of the conductor for supply maximum permissible         75 °C           material of the conductor for supply maximum permissible         75 °C           tightening torque [lbf in] for load-side outgoing feeder         Screw-type terminals           tightening torque [lbf in] for load-side outgoing feeder         7 12 lbf in           type of onectable conductor ross-sections for AWG cables         75 °C           remarking of the conductor for load-side outgoing feeder         7 10 lbf in           type of onectable conductor cross-sections of magnet coil         7 10 lbf in           type of onectable conductor are sections of magnet coil         7 10 lbf in           type of electrical connection or read-side outgoing feeder         22 (20 16 AWG), 2x (18 14 AWG)           type of onectable conductor are sacetions of magnet coil         7 10 lbf in           type of electrical connection or sacetions of magnet coil         7 12 lbf in           type of electrical connection or saceticor for auxiliary conta	type of the motor protection	Circuit breaker with thermal and fixed magnetic trip
mounting position         Vertical           fastening method         Surface mounting and installation           type of electrical connectable conductor rorss-sections at line-side for AWG cables single or multi-stranded         1x (14 10 AWG) or 1x (12 10 AWG)           temperature of the conductor for supply maximum permissible         1x (14 10 AWG) or 1x (12 10 AWG)           type of connectable conductor for supply maximum permissible         AL or CU           type of electrical connectable conductor cross-sections for AWG cables for load-side outgoing feeder         Screw-type terminals           tightening torque [lbf-in] for load-side outgoing feeder         7 12 lbFin           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         70 °C           material of the conductor for load-side outgoing feeder         70 °C           material of the conductor for load-side outgoing feeder         71 °C           material of the conductor at magnet coil         7 °C           type of electrical connection of magnet coil for AWG cables single or multi-stranded         78 °C           type of electrical connection at contactor for auxiliary contacts         <	operational current of motor circuit breaker rated value	20 A
fastening method       Surface mounting and installation         type of electrical connection for supply voltage line-side       Box lug         twp of connectable conductor cross-sections at line-side for       1x (14 10 AWG) or 1x (12 10 AWG)         AWG cables single or multi-stranded       1x (14 10 AWG) or 1x (12 10 AWG)         temperature of the conductor for supply maximum permissible       75 °C         material of the conductor for supply maximum permissible       7 12 lbF lin         type of electrical connection for load-side outgoing feeder       7 12 lbF lin         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       7 10 lbF lin         type of electrical connection of magnet coil       Screw-type terminals         tightening torque [bF in] at magnet coil       7 10 lbF lin         type of electrical connector at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil       CU         type of electrical connector for auxiliary contacts       Screw-type terminals         tightening torque [bF in] at cont	Mounting/wiring	
type of electrical connection for supply voltage line-sideBox lugtype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded1x (14 10 AWG) or 1x (12 10 AWG)temperature of the conductor for supply maximum permissible75 °Cmaterial of the conductor for supply maximum permissible75 °Ctype of electrical connection for load-side outgoing feeder7 12 lbf:intype of connectable conductor for load-side outgoing feeder7 12 lbf:intype of activation 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 collScrew-type terminalstightening torque [lbf:in] at magnet coll7 10 lbf:intype of electrical connection at magnet coll75 °Ctwo of connectable conductor for load-side outgoing feeder2x (20 16 AWG), 2x (18 14 AWG)type of electrical connection of magnet coll7 10 lbf:intype of electrical connection at magnet collCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf:in] at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf:in] at contactor for auxiliary contacts7 12 lbf:intype of electrical connection at contactor for auxiliary contacts7 12 lbf:intype of electrical connection at contactor for auxiliary contacts75 °Cdesign of the sonductor at contactor for auxiliary contacts <td>mounting position</td> <td>Vertical</td>	mounting position	Vertical
Type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded         1x (14 10 AWG) or 1x (12 10 AWG)           Itemperature 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         7 12 lbf-in           type of electrical connection for load-side outgoing feeder         7 12 lbf-in           type of locatchable conductor cross-sections for AVG cables         75 °C           for load-side outgoing feeder single or multi-stranded         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           tightening torque [lbf-in] at magnet coil         7 10 lbf-in           type of electrical connection of magnet coil         7 10 lbf-in           type of electrical connection at contactor for auxiliary contacts         75 °C           material of the conductor at magnet coil         7 10 lbf-in           type of electrical connection at contactor for auxiliary contacts         75 °C           material of the conductor at magnet coil         CU           type of electricial connection at contactor for auxiliary contacts </td <td>fastening method</td> <td>Surface mounting and installation</td>	fastening method	Surface mounting and installation
ÁWG cables single or multi-stranded       75 °C         material of the conductor for supply maximum permissible       76 °C         type of electrical connection for load-side outgoing feeder       7 12 lbf in         type of connectable conductor cors-sections for AVVG cables for load-side outgoing feeder       7 12 lbf in         type of outgoing feeder single or multi-stranded       2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG         temperature of the conductor for load-side outgoing feeder       7 75 °C         material of the conductor for load-side outgoing feeder       7 10 lbf in         type of electrical connection of magnet coil       Screw-type terminals         tightening torque [lbf-in] at magnet coil       7 10 lbf in         type of connectable conductor at magnet coil       7 10 lbf in         type of electrical connection of magnet coil       75 °C         atteriat of the conductor at magnet coil       7 10 lbf in         type of electrical connection of angent coil       7 10 lbf in         type of electrical connection at contactor for auxiliary contacts       Screw-type terminals         tightening torque [lbf-in] at contactor for auxiliary contacts       7 12 lbf in         type of electrical connection at contactor for auxiliary contacts       7 12 lbf in         type of electrical conductor at contactor for auxiliary contacts       75 °C	type of electrical connection for supply voltage line-side	Box lug
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       7 12 lbf-in         type of connectable conductor cross-sections for AWG cables       2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG         for load-side outgoing feeder single or multi-stranded       75 °C         material of the conductor for load-side outgoing feeder       7 10 lbf-in         type of electrical connection of magnet coil       7 10 lbf-in         type of connectable conductor at magnet coil       7 10 lbf-in         type of connectable conductor at magnet coil       7 10 lbf-in         type of connectable conductor at magnet coil       7 10 lbf-in         type of electrical connection 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       7 12 lbf-in         type of connectable conductor at contactor for auxiliary contacts       7 12 lbf-in         type of electrical connector or auxiliary contacts       7 12 lbf-in         type of electrical connector for auxiliary contacts       7 12 lbf-in         type of connetable conductor at contactor for auxiliary contacts <t< td=""><td>51</td><td>1x (14 10 AWG) or 1x (12 10 AWG)</td></t<>	51	1x (14 10 AWG) or 1x (12 10 AWG)
type of electrical connection for load-side outgoing feederScrew-type terminalstightening torque [lbf·in] for load-side outgoing feeder7 12 lbf·intype of connectable conductor cross-sections for AWG cables2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWGfor load-side outgoing feeder single or multi-stranded75 °Cmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coil7 10 lbf·intype of electrical connection of magnet coil7 10 lbf·intype of electrical connection of magnet coil7 10 lbf·intype of onnectable conductor at magnet coil75 °Cadtersible75 °Cmaterial of the conductor at magnet coil75 °Ccall the conductor at magnet coil7 10 lbf·intype of electrical connection at contactor for auxiliary contacts75 °Cadtersible75 °Cmaterial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contacts75 °Cgenerature of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contacts7 12 lbf·intype of electrical connection at contactor for auxiliary contacts7 12 lbf·intightening torque [lbf·in] at contactor for auxiliary contacts7 12 lbf·intype of electricate or conductor at contactor for auxiliary contacts75 °CwG cables for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary co	temperature of the conductor for supply maximum permissible	75 °C
tightening torque [lbf-in] for load-side outgoing feeder       7 12 lbf-in         type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded       2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG         temperature of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       CU         type of electrical connection of magnet coil       Screw-type terminals         tightening torque [lbf-in] at magnet coil       7 10 lbf-in         type of electrical connection at magnet coil for AWG cables single or multi-stranded       75 °C         material of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil maximum permissible       7 12 lbf-in         type of electrical connection at contactor for auxiliary contacts       7 12 lbf-in         type of electrical connection at contactor for auxiliary contacts       7 12 lbf-in         type of electrical connection at contactor for auxiliary contacts       7 12 lbf-in         type of electrical connectable conductor at magnet coil       CU         type of electrical connectable conductor for auxiliary contacts       7 12 lbf-in         type of electrical connectable conductor for auxiliary contacts       7 12 lbf-in         type of electrical connectable conductor for auxiliary contacts       7 12 lbf-in	material of the conductor for supply	AL or CU
Up or connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded       2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG         temperature of the conductor for load-side outgoing feeder maximum permissible       75 °C         material of the conductor for load-side outgoing feeder       CU         type of connectable conductor cross-sections of magnet coil       5 crew-type terminals         tightening torque [lbf-in] at magnet coil       7 10 lbf-in         twg co connectable conductor at magnet coil maximum permissible       2x (20 16 AWG), 2x (18 14 AWG)         temperature of the conductor at magnet coil maximum permissible       7 10 lbf-in         type of connectable conductor 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       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       Screw-type terminals         tightening torque [lbf-in] at contactor for auxiliary contacts       Screw-type terminals         tightening torque [lbf-in] at contactor for auxiliary contacts       Sc         temperat	type of electrical connection for load-side outgoing feeder	Screw-type terminals
for load-side outgoing feeder single or multi-stranded       75 °C         material of the conductor for load-side outgoing feeder       75 °C         material of the conductor for load-side outgoing feeder       CU         type of electrical connection of magnet coil       Screw-type terminals         tightening torque [lbf-in] at magnet coil       7 10 lbf-in         twg cables single or multi-stranded       72 °C         temperature of the conductor rorss-sections of magnet coil for AWG cables single or multi-stranded       75 °C         temperature of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil       CU         type of electrical connection at contactor for auxiliary contacts       Screw-type terminals         tightening torque [lbf-in] at contactor for auxiliary contacts       7 12 lbf-in         type of electrical connectable conductor at contactor for auxiliary contacts       7 12 lbf-in         type of connectable conductor at contactor for auxiliary contacts       7 12 lbf-in         type of the conductor at contactor for auxiliary contacts       7 12 lbf-in         type of the conductor at contactor for auxiliary contacts       75 °C         maximum permissible       75 °C         material of the conductor at contactor for auxiliary contacts       75 °C         maximum permissible       75 °C </td <td>tightening torque [lbf-in] for load-side outgoing feeder</td> <td>7 12 lbf-in</td>	tightening torque [lbf-in] for load-side outgoing feeder	7 12 lbf-in
maximum permissibleCUmaterial of the conductor for load-side outgoing feederCUtype of electrical connection of magnet coilScrew-type terminalstightening torque [lbf:in] at magnet coil7 10 lbf:intype of connectable conductor cross-sections of magnet coil or AWG cables single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalsitightening torque [lbf:in] at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf:in] at contactor for auxiliary contactsT 12 lbf intype of connectable conductor at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor ross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current ratingCUdesign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu)5 kA• at 480 V5 kA• at 480 V5 kA• at 600 V5 kAcertificate of suitabilityNEMA ICS 2; UL 508	51	2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG
type of electrical connection of magnet coilScrew-type terminalstightening torque [lbf-in] at magnet coil7 10 lbf-intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (20 16 AWG), 2x (18 14 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 contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts7 12 lbf-intype of the conductor at contactor for auxiliary contacts7 12 lbf-intype of the conductor at contactor for auxiliary contacts75 °Cmaximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor at contactor for auxiliary contacts75 °CStrew-type terminals75 °Cdesign of the short-circuit current for auxiliary contacts75 °Csmaximum short-circuit current breaking capacity (lcu)5 kA• at 240 V5 kA• at 480 V5 kA• at 480 V5 kA• at 600 V5 kA• at 600 V5 kAcertificate of suitabilityNEMA ICS 2; UL 508		75 °C
tightening torque [lbf·in] at magnet coil7 10 lbf·intype of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded2x (20 16 AWG), 2x (18 14 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 contacts7 12 lbf·intype of connectable conductor at contactor for auxiliary contacts7 12 lbf·intype of connectable conductor at contactor for auxiliary contacts2x (20 16 AWG), 2x (18 14 AWG)AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts7 27 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contacts70 °Cmaterial of the short-circuit current ratingCUdesign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu)5 kA• at 480 V5 kA• at 600 V5 kA• at 600 V5 kAcertificate of suitabilityNEMA ICS 2; UL 508	material of the conductor for load-side outgoing feeder	CU
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded       2x (20 16 AWG), 2x (18 14 AWG)         temperature of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil       CU         type of electrical connection at contactor for auxiliary contacts       Screw-type terminals         tightening torque [lbf:in] at contactor for auxiliary contacts       7 12 lbf-in         type of connectable conductor at contactor for auxiliary contacts       7 12 lbf-in         type of connectable conductor at contactor for auxiliary contacts       7 12 lbf-in         type of connectable conductor at contactor for auxiliary contacts       7 12 lbf-in         type of connectable conductor at contactor for auxiliary contacts       7 12 lbf-in         temperature of the conductor at contactor for auxiliary contacts       7 12 lbf-in         temperature of the conductor at contactor for auxiliary contacts       75 °C         material of the conductor at contactor for auxiliary contacts       75 °C         statistic current rating       design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (lcu)       5 kA       5 kA         • at 480 V       5 kA       5 kA         • at 600 V       5 kA       5 kA <td< td=""><td>type of electrical connection of magnet coil</td><td>Screw-type terminals</td></td<>	type of electrical connection of magnet coil	Screw-type terminals
ÁWG cables single or multi-stranded       75 °C         temperature of the conductor at magnet coil maximum permissible       75 °C         material of the conductor at magnet coil       CU         type of electrical connection at contactor for auxiliary contacts       Screw-type terminals         tightening torque [lbf-in] at contactor for auxiliary contacts       7 12 lbf-in         type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded       75 °C         awwaimum permissible       75 °C         material of the conductor at contactor for auxiliary contacts       7 12 lbf-in         type of connectable conductor at contactor for auxiliary contacts       7 12 lbf-in         type of the conductor at contactor for auxiliary contacts       75 °C         maximum permissible       75 °C         material of the conductor at contactor for auxiliary contacts       75 °C         material of the conductor at contactor for auxiliary contacts       CU         Short-circuit current rating       design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (lcu)       5 kA       6 kA         • at 480 V       5 kA       5 kA         • at 600 V       5 kA       5 kA         certificate of suitability       NEMA ICS 2; UL 508 </td <td>tightening torque [lbf-in] at magnet coil</td> <td>7 10 lbf·in</td>	tightening torque [lbf-in] at magnet coil	7 10 lbf·in
permissiblematerial of the conductor at magnet coilCUtype of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf in] at contactor for auxiliary contacts7 12 lbf intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current ratingdesign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu)5 kA• at 240 V5 kA• at 600 V5 kA• at 600 V5 kAcertificate of suitabilityNEMA ICS 2; UL 508	,, , , , , , , , , , , , , , , , , , ,	2x (20 16 AWG), 2x (18 14 AWG)
type of electrical connection at contactor for auxiliary contactsScrew-type terminalstightening torque [lbf-in] at contactor for auxiliary contacts7 12 lbf-intype of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current ratingdesign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (lcu)5 kA• at 480 V5 kA• at 600 V5 kA<		75 °C
tightening torque [lbf-in] at contactor for auxiliary contacts       7 12 lbf-in         type of connectable conductor cross-sections at contactor for       2x (20 16 AWG), 2x (18 14 AWG)         AWG cables for auxiliary contacts single or multi-stranded       2x (20 16 AWG), 2x (18 14 AWG)         temperature of the conductor at contactor for auxiliary contacts       75 °C         maximum permissible       CU         short-circuit current rating       CU         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu)       5 kA         • at 240 V       5 kA         • at 480 V       5 kA         • at 600 V       5 kA         vertificate of suitability       NEMA ICS 2; UL 508	material of the conductor at magnet coil	CU
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded2x (20 16 AWG), 2x (18 14 AWG)temperature of the conductor at contactor for auxiliary contacts maximum permissible75 °Cmaterial of the conductor at contactor for auxiliary contactsCUShort-circuit current ratingCUdesign of the short-circuit tripThermal magnetic circuit breakermaximum short-circuit current breaking capacity (Icu)5 kA• at 240 V5 kA• at 480 V5 kA• at 600 V5 kAcertificate of suitabilityNEMA ICS 2; UL 508	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         material of the conductor at contactor for auxiliary contacts         CU         Short-circuit current rating         design of the short-circuit trip         maximum short-circuit current breaking capacity (Icu)         • at 240 V         • at 480 V         • at 600 V         5 kA         certificate of suitability	tightening torque [lbf-in] at contactor for auxiliary contacts	7 12 lbf·in
maximum permissible       CU         material of the conductor at contactor for auxiliary contacts       CU         Short-circuit current rating       Thermal magnetic circuit breaker         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu)       5 kA         • at 240 V       5 kA         • at 480 V       5 kA         • at 600 V       5 kA         certificate of suitability       NEMA ICS 2; UL 508		2x (20 16 AWG), 2x (18 14 AWG)
Short-circuit current rating         design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu)       5 kA         • at 240 V       5 kA         • at 480 V       5 kA         • at 600 V       5 kA         certificate of suitability       NEMA ICS 2; UL 508		75 °C
design of the short-circuit trip       Thermal magnetic circuit breaker         maximum short-circuit current breaking capacity (Icu)       -         • at 240 V       5 kA         • at 480 V       5 kA         • at 600 V       5 kA         certificate of suitability       NEMA ICS 2; UL 508	material of the conductor at contactor for auxiliary contacts	CU
maximum short-circuit current breaking capacity (Icu)       • at 240 V       • at 480 V       • at 600 V       5 kA       • at 600 V       5 kA       • certificate of suitability	Short-circuit current rating	
• at 240 V       5 kA         • at 480 V       5 kA         • at 600 V       5 kA         certificate of suitability       NEMA ICS 2; UL 508	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V       5 kA         • at 600 V       5 kA         • certificate of suitability       NEMA ICS 2; UL 508	maximum short-circuit current breaking capacity (lcu)	
• at 600 V 5 kA certificate of suitability NEMA ICS 2; UL 508	• at 240 V	5 kA
certificate of suitability NEMA ICS 2; UL 508	• at 480 V	5 kA
	• at 600 V	5 kA
Further information	certificate of suitability	NEMA ICS 2; UL 508
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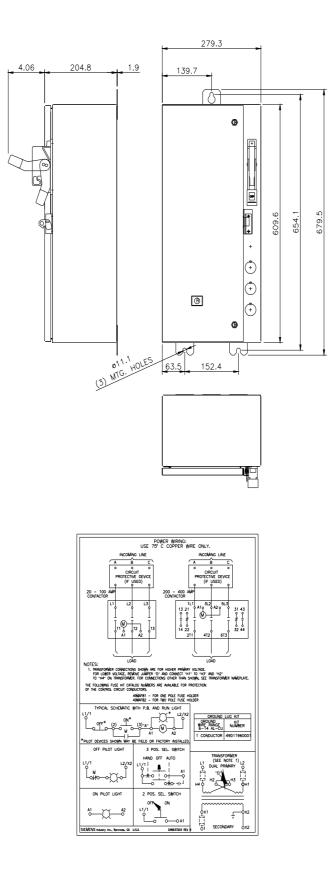
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