Electrically held lighting contactor, Contactor amp rating 200A, 0 N.C. / 3 N.O. Poles, 480VAC 60HZ coil, Combination type, 200A/600V fusible disconnect, Enclosure NEMA type 1, Indoor general purpose use



Figure similar

General technical data	
Weight [lb]	95 lb
Height x Width x Depth [in]	46 × 20 × 10 in
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
Ambient temperature [°F] during operation	32 104 °F
Ambient temperature during storage	-55 +80 °C
Ambient temperature during operation	0 40 °C
Country of origin	USA

Contactor	
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 (switching cycles) of the main contacts typical	10000000

Contact rating of the main contacts of lighting contactor	
• at tungsten (1 pole per 1 phase) rated value	200A @277V 1p 1ph
at tungsten (2 poles per 1 phase) rated value	200A @480V 2p 1ph
at tungsten (3 poles per 3 phases) rated value	200A @480V 3p 3ph
at ballast (1 pole per 1 phase) rated value	200A @347V 1p 1ph
at ballast (2 poles per 1 phase) rated value     at ballast (2 poles per 1 phase) rated value	200A @600V 2p 1ph
at ballast (2 poles per 1 phase) rated value     at ballast (3 poles per 3 phases) rated value	200A @600V 3p 3ph
	200A @600V 1p 1ph
<ul> <li>at resistive load (1 pole per 1 phase) rated value</li> </ul>	200A @000V 1p 1pi1
<ul> <li>at resistive load (2 poles per 1 phase) rated value</li> </ul>	200A @600V 2p 1ph
• at resistive load (3 poles per 3 phases) rated	200A @600V 3p 3ph
value	
Auviliany contact	
Auxiliary contact  Number of NC contacts at contactor for auxiliary	2
contacts	
Number of NO contacts at contactor for auxiliary	2
contacts	
Number of total auxiliary contacts maximum	4
Contact rating of auxiliary contacts of contactor	A300 / Q300
according to UL	
Coil	
Coil Type of voltage of the control supply voltage	AC/DC
	AC/DC
Type of voltage of the control supply voltage	AC/DC 440 480 V
Type of voltage of the control supply voltage  Control supply voltage	
Type of voltage of the control supply voltage  Control supply voltage  • at DC rated value	440 480 V
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value	440 480 V 440 480 V
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value	440 480 V 440 480 V 440 480 V
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC	440 480 V 440 480 V 440 480 V 300 V·A
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC	440 480 V 440 480 V 440 480 V 300 V·A 5.8 V·A
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated value of magnet coil	440 480 V 440 480 V 440 480 V 300 V·A 5.8 V·A
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated	440 480 V 440 480 V 440 480 V 300 V·A 5.8 V·A
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated value of magnet coil  Disconnect Switch	440 480 V 440 480 V 440 480 V 300 V·A 5.8 V·A 0.85 1.1
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated value of magnet coil  Disconnect Switch  Rated response values of switch disconnector	440 480 V 440 480 V 440 480 V 300 V·A 5.8 V·A 0.85 1.1
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated value of magnet coil  Disconnect Switch  Rated response values of switch disconnector  Design of fuse holder	440 480 V 440 480 V 440 480 V 300 V·A 5.8 V·A 0.85 1.1
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated value of magnet coil  Disconnect Switch  Rated response values of switch disconnector  Design of fuse holder  Operating class of the fuse link	440 480 V 440 480 V 440 480 V 300 V·A 5.8 V·A 0.85 1.1
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated value of magnet coil  Disconnect Switch  Rated response values of switch disconnector  Design of fuse holder  Operating class of the fuse link  Enclosure	440 480 V 440 480 V 300 V·A 5.8 V·A 0.85 1.1
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  at AC at 50 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated value of magnet coil  Disconnect Switch  Rated response values of switch disconnector  Design of fuse holder  Operating class of the fuse link  Enclosure  Degree of protection NEMA rating of the enclosure	440 480 V 440 480 V 300 V·A 5.8 V·A 0.85 1.1  200A / 600V Class R fuse clips Class R
Type of voltage of the control supply voltage  Control supply voltage  at DC rated value  at AC at 60 Hz rated value  Apparent pick-up power of magnet coil at AC  Apparent holding power of magnet coil at AC  Operating range factor control supply voltage rated value of magnet coil  Disconnect Switch  Rated response values of switch disconnector  Design of fuse holder  Operating class of the fuse link  Enclosure  Degree of protection NEMA rating of the enclosure  Design of the housing	440 480 V 440 480 V 300 V·A 5.8 V·A 0.85 1.1  200A / 600V Class R fuse clips Class R

Type of electrical connection for supply voltage line- side	Box lug
Tightening torque [lbf·in] for supply	275 275 lbf·in
Type of connectable conductor cross-sections at line- side at AWG conductors single or multi-stranded	1x (6 AWG 300 Kcmil)
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	Screw-type terminals
Tightening torque [lbf·in] for load-side outgoing feeder	90 110 lbf·in
Type of connectable conductor cross-sections at AWG conductors for load-side outgoing feeder single or multi-stranded	2x (6 3/0 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 electrical connection of magnet coil	Screw-type terminals
Tightening torque [lbf·in] at magnet coil	7 10 lbf·in
Type of connectable conductor cross-sections of magnet coil at AWG conductors single or multi-stranded	2x (18 14 AWG)
Temperature of the conductor at magnet coil maximum permissible	75 °C
Material of the conductor at magnet coil	CU

## Short-circuit current rating

Design of the fuse link for short-circuit protection of the main circuit required

100kA@600V (Class J)

## 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:LEFH1F003480A

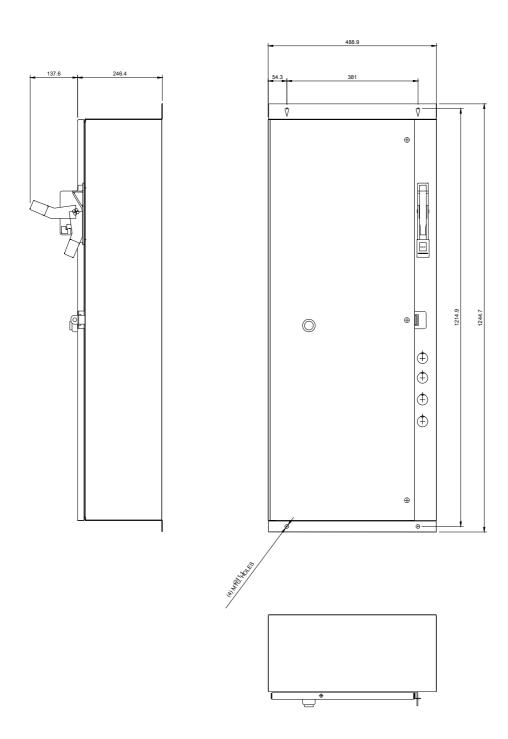
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

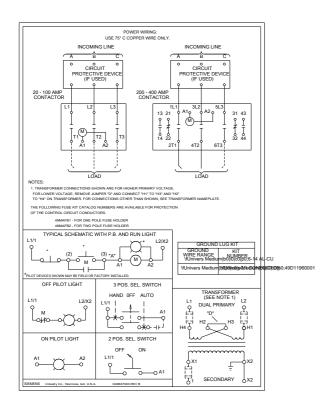
https://support.industry.siemens.com/cs/US/en/ps/US2:LEFH1F003480A

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LEFH1F003480A&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:LEFH1F003480A&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LEFH1F003480A/certificate





D46637003

last modified: 05/20/2019