SIEMENS

Data sheet US2:LEN00C004024B



Electrically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 4 N.O. Poles, 24VAC 50/60HZ coil, Non-combination type, (no disconnect device), Enclosure NEMA type (open), No enclosure

design of the product special product feature Compact design; Finger safe control terminals Connact technical data weight [tb] 1 lb Height x Width x Depth [in] 3.55 x 2.45 x 3.96 in bouch protection against electrical shock installation altitude [ft] at height above sea level maximum ambient temperature [FF] during operation 32 104 "F during operation 32 104 "F ambient temperature during operation 0 40 "C country of origin Contactor country of origin Contactor number of NO contacts for main contacts 10 contact rating of the main contacts of lighting contactor with electronic ballast [LED driver] (ft ope per 1 phase) rated value at tungsten (2 poles per 1 phase) rated value at taballast (2 poles per 1 phase) rated value at the at ballast (2 poles per 1 phase) rated value at the resistive load (1 pole per 1 phase) rated value at resistive load (1 pole per 1 phase) rated value at the statistive load (2 poles per 1 phase) rated value at the statistive load (2 poles per 1 phase) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value at resistive load (3 p	product brand name	Class LE
Special product feature Concret technical data Weight [1b]		
weight [ib] 1 lb Height x Width x Depth [in] 3.55 × 2.45 × 3.96 in touch protection against electrical shock 6 min circuit (finger-safe): Control circuit (finger-safe) installation altitude [fi] at height above sea level maximum 6560 ft ambient temperature [°F] - during storage -57 +176 °F - 32 104 °F ambient temperature • during storage -55 +80 °C • during storage -55 +80 °C • during storage -55 +80 °C • during operation 0 +40 °C country of origin Germany Contactor size of contactor main contacts 4 number of NC contacts for main contacts 0 0 operating voltage for main current circuit at AC at 60 Hz maximum enchanical service life (operating cycles) of the main contacts • with electronic ballast [LED driver] (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (2 poles per 3 phases) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 poles per 3 phases) rated value • at tresistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (2 poles per 3 phases) rated value • at resistive load (2 poles per 3 phases) rated value • at resistive load (2 poles per 3 phases) rated value • at resistive load (3 poles per 3 ph		
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number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 4	Auxiliary contact	
number of total auxiliary contacts maximum 4	number of NC contacts at contactor for auxiliary contacts	1
·	number of NO contacts at contactor for auxiliary contacts	1
contact rating of auxiliary contacts of contactor according to UL A600 / Q600	number of total auxiliary contacts maximum	4
	contact rating of auxiliary contacts of contactor according to UL	A600 / Q600

** at AC at 60 Hz rated value apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 9,4 VA Operating range factor control supply voltage rated value of magnet coil at AC 9,4 VA Operating range factor control supply voltage rated value of magnet coil voltage rated value of supply voltage rated value of surface mounting and installation voltage of the housing wounting position Vertical Surface mounting and installation voltage of the value of surface mounting and installation voltage of the value of surface mounting and installation voltage of the value of surface mounting and installation voltage of the value of surface mounting and installation voltage of the value of surface mounting and installation voltage of the value of surface mounting and installation voltage of the value of surface mounting and installation voltage of the value of surface mounting and installation voltage of the surface value of the value of the conductor for supply maximum permissible value of the conductor of to load-side outgoing feeder value valu	type of voltage of the control supply voltage	AC
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apparent pick-up power of magnet coil at AC 9,4 VA	,	24 V
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil and AC operating range factor control supply voltage rated value of magnet coil degree of protection NEMA rating of the enclosure degree of protection NEMA rating of the enclosure Open device (no enclosure) degree of protection NEMA rating of the enclosure Open device (no enclosure) NA Mounting/wring Na Mounting/wring Na Mounting/wring Na Mounting/wring Na Mounting position fastening method Uppe of electrical connection for supply voltage line-side Surface mounting and installation Surface mounting and installation 15 - 22 kTofin 16 - 22 kTofin 17 - 22 kTofin 18 - 22 kTofin 18 - 22 kTofin 18 - 22 kTofin 19 - 2		
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type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil type of electrical connection at contactor for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for 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 Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 480 V • at 600 V	type of electrical connection of magnet coil	Screw-type terminals
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tightening torque [lbf-in] at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for 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 Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V • at 600 V 10 Is AWG), 2x (18 14 AWG) 75 °C 2x (20 16 AWG), 2x (18 14 AWG) 75 °C 10 Is AWG), 2x (18 14 AWG) 75 °C 75 °C 10 Is AWG), 2x (18 14 AWG) 75 °C 75 °C 75 °C 75 °C 86 SA 65 KA 65 KA 20 KA	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-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible material of the conductor at contactor for auxiliary contacts CU Short-circuit current rating design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 2x (20 16 AWG), 2x (18 14 AWG) 4 AWG 5 °C CU 5 C CU 6 Short-circuit current rating 6 Short-circuit current breaker 6 Short-circuit breaker	type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
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design of the fuse link for short-circuit protection of the main circuit required design of the short-circuit trip Thermal magnetic circuit breaker maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 20 kA		75 °C
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maximum short-circuit current breaking capacity (Icu) • at 240 V • at 480 V • at 600 V 65 kA 20 kA		100kA@600V (Class J 60A max)
 at 240 V at 480 V at 600 V 65 kA 20 kA 	design of the short-circuit trip	Thermal magnetic circuit breaker
• at 480 V 65 kA • at 600 V 20 kA	maximum short-circuit current breaking capacity (Icu)	
• at 600 V 20 kA	● at 240 V	65 kA
	● at 480 V	65 kA
certificate of suitability NEMA ICS 2; UL 508; CSA 22.2, No. 14	● at 600 V	20 kA
	certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No. 14
Further information		

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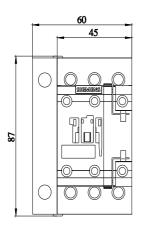
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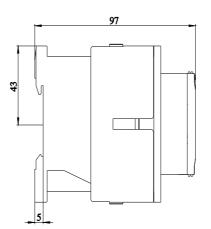
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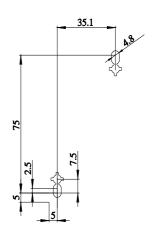
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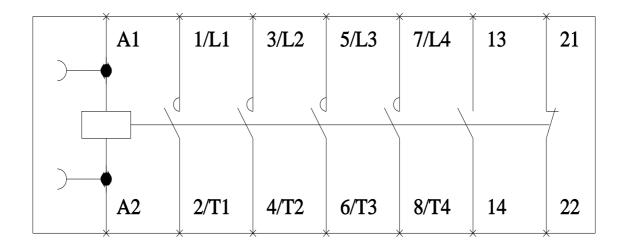
Certificates/approvals

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LEN00C004 Wiring Diagram

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