SIEMENS

Data sheet US2:CLM0C04208



Mechanically held lighting contactor, Contactor amp rating 30A, 0 N.C. / 4 N.O. poles, 208VAC 60HZ coil, Non-combination type, Enclosure NEMA type (open), No enclosure

design of the product Special product feature General technical data weight (Ib) Height x Width x Depth (in) touch protection against electrical shock installation altitude (If) at height above sea level maximum country of origin Country of origin Country of origin size of contactor size of contactor size of contactor or main contacts 4 number of NC contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts ylpical contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at the site (2 poles per 1 phase) rated value • at tesistive load (2 poles per 4 phase) rated value • at tesistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 1 phase) rated value • at resistive load (3 poles per 1 phase) rated value • at resistive load (3 poles per 1 phase) rated value • at resistive load (3 poles per 1 phase) rated value • at resistive load (3 poles per 1 phase) rated value • at resistive load (3 poles per 1 phase) rated value • at resistive load (3 poles per 1 phase) rated value • at resistive load (3 poles per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (3 poles per 4 phase) rated value • at resistive load (3 poles per 4 phase) rated value • at resistive load (3 poles per 4 phase) rated value • at resistive load (3 poles per 4 phase) rated value • at resistive load (4 pole per 1 phase) rated value • at resistive load (5 poles per 4 phase) rated value • at resistive load (6 poles per 4 phase) rated value • at resistive load (7 poles per 4 phase) rated value • at resistive load (7 poles per 4 phase) rated value • at resistive load (7 poles per 4 phase) rated value • at resistive load (8 poles per 4 phase) rated value • at resistive load (9 poles per	product brand name	Class CLM
weight [Ib] 4 lib Height x Width x Depth [in] 4, 53 × 3.43 × 4.78 in touch protection against electrical shock Not finger-safe installation altitude (Fig at height above sea level maximum 6560 ft country of origin USA Contactor size of contactor 30 Amp number of NO contacts for main contacts 0 0 operating voltage for main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts vipical 1 thungsten (1 pole per 1 phase) rated value 30A @277V 1p 1ph at thungsten (2 poles per 1 phase) rated value 30A @480V 2p 1ph at thungsten (3 poles per 3 phases) rated value 30A @480V 2p 1ph at ballast (1 pole per 1 phase) rated value 30A @480V 3p 3ph at least sladist (3 poles per 3 phases) rated value 30A @600V 2p 1ph at least sladist (3 poles per 3 phases) rated value 30A @600V 2p 1ph at least sladist (3 poles per 3 phases) rated value 30A @600V 3p 3ph at resistive load (1 pole per 1 phase) rated value 30A @600V 3p 3ph at resistive load (2 poles per 1 phase) rated value 30A @600V 3p 3ph at resistive load (2 poles per 1 phase) rated value 30A @800V 3p 3ph at resistive load (3 poles per 3 phases) rated value 30A @800V 3p 3ph at resistive load (3 poles per 1 phase) rated value 30A @800V 3p 3ph at resistive load (3 poles per 1 phase) rated value 30A @800V 3p 3ph at resistive load (3 poles per 1 phase) rated value 30A @800V 3p 3ph Auxillary contact number of NO contacts for auxillary contacts 0 number of NO contacts for auxillary c	design of the product	Magnetically latched lighting contactor
weight [ib] Height x Width x Depth [in] 4.53 × 3.43 × 4.78 in 4.53 × 3.43 × 4.78 in 1.53 × 3.43 × 4.78 in 4.53 × 3.43 × 4.78 in 4.55 × 3.43 × 4.78 in 5.56 × 3.45 × 4.78 in 5.57 × 3.45 × 4.78 in 5.58 × 4.78	special product feature	Energy efficient; Quiet operation
Height x Width x Depth [in] touch protection against electrical shock Installation altitude [ft] at height above sea level maximum fostor country of origin USA Contactor size of contactor number of NO contacts for main contacts 4 number of NO contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value 30A @480V 2p 1ph • at tungsten (2 poles per 1 phase) rated value 30A @480V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @800V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @800V 3p 3ph • at ballast (2 poles per 1 phase) rated value 30A @800V 3p 3ph • at resistive load (2 poles per 1 phase) rated value 30A @800V 3p 3ph • at resistive load (2 poles per 1 phase) rated value 30A @800V 3p 3ph • at resistive load (3 poles per 1 phase) rated value 30A @800V 3p 3ph • at resistive load (3 poles per 1 phase) rated value 4 at resistive load (2 poles per 1 phase) rated value 50A @800V 3p 3ph • at resistive load (3 poles per 1 phase) rated value 4 at resistive load (3 poles per 1 phase) rated value 50A @800V 3p 3ph Auxiliary contact 50Coil 5	General technical data	
touch protection against electrical shock installation altitude [ft] at height above sea level maximum (6560 ft (2001)) country of origin USA Contactor size of contactor 30 Amp (2001) number of NO contacts for main contacts 4 (2001) operating voltage for main contacts 0 (2001) operating voltage for main current circuit at AC at 60 Hz (2001) maximum (2001) mechanical service life (operating cycles) of the main contacts (2000) operating voltage for main current circuit at AC at 60 Hz (2001) maximum (2001) mechanical service life (operating cycles) of the main contacts (2000) protect trating of the main contacts of lighting contactor (2001) at tungsten (1 pole per 1 phase) rated value (2001) at tungsten (2 poles per 3 phases) rated value (2001) at ballast (2 poles per 3 phases) rated value (2001) at ballast (2 poles per 1 phase) rated value (2001) at resistive load (1 pole per 1 phase) rated value (2001) at resistive load (2 poles per 1 phase) rated value (2001) at resistive load (2 poles per 1 phase) rated value (2001) at resistive load (2 poles per 1 phase) rated value (2001) at resistive load (2 poles per 1 phase) rated value (2001) at resistive load (2 poles per 1 phase) rated value (2001) at resistive load (2 poles per 1 phase) rated value (2001) at resistive load (2 poles per 1 phase) rated value (2001) at resistive load (3 poles per 3 phases) rated value (2001) at resistive load (3 poles per 3 phases) rated value (2001) at resistive load (3 poles per 3 phases) rated value (2001) at resistive load (3 poles per 3 phases) rated value (2001) at resistive load (3 poles per 4 phase) rated value (2001) at resistive load (3 poles per 4 phase) rated value (2001) at resistive load (3 poles per 4 phase) rated value (2001) at resistive load (3 poles per 4 phase) rated value (2001) at resistive load (3 poles per 4 phase) rated value (2001) at resistive load (3 poles per 4 phase) rated value (2001) at resistive load (4 poles per 4 phase) rated value (2001) at resistive load (5 poles pe	weight [lb]	4 lb
installation altitude [ft] at height above sea level maximum country of origin USA USA	Height x Width x Depth [in]	4.53 × 3.43 × 4.78 in
Contactor size of contactor number of NC contacts for main contacts number of NC contacts for main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor at tungsten (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 tungsten (2 poles 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 (3 poles per 1 phase) rated value at ballast (3 poles per 1 phase) rated value at tresistive load (1 pole per 1 phase) rated value at resistive 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 Auxiliary contacts number of NC contacts for auxiliary contacts purpose of NC contacts for auxiliary contacts number of NC contacts for auxiliary contacts	touch protection against electrical shock	Not finger-safe
Size of contactor size of contactor number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (3 poles per 3 phases) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at resistive load (1 pole 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 (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 arc at arc at 60 Contacts for auxiliary contacts number of NC contacts for auxiliary contacts 0 number of total auxiliary contacts maximum 4 contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage • at AC at 60 Hz rated value • at AC at 60 Hz rated value • apparent holding power of magnet coil at AC 40 VA apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil	installation altitude [ft] at height above sea level maximum	6560 ft
size of contactor number of NC contacts for main contacts 1	country of origin	USA
number of NC contacts for main contacts number of NC contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • at tungsten (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 tungsten (3 poles per 3 phases) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at resistive load (1 pole per 1 phase) rated value • at resistive load (1 pole per 1 phase) rated value • at resistive load (1 pole per 1 phase) rated value • at resistive 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 (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 phases) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (2 poles per 1 phase) rated value • at act resistive load (3 poles per 3 phases) rated value • at AC at 60 Hz rated value	Contactor	
number of NC contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (3 poles per 3 phases) rated value • at tallast (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 poles per 1 phase) rated value • at resistive load (1 pole per 1 phase) rated value • at resistive load (1 pole per 1 phase) rated value • at resistive 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 (2 poles per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive 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 (2 poles per 1 phase) rated value • at resistive load (3 poles per 3 phases) rated value • at resistive load (4 pole per 1 phase) rated value • at resistive load (5 poles per 1 phase) rated value • at at resistive load (8 poles per 3 phase) rated value • at resistive load (9 poles per 1 phase) rated value • at AC at of NC contacts for auxiliary contacts • at AC at 60 Hz rated value	size of contactor	30 Amp
operating voltage for main current circuit at AC at 60 Hz maximum mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (2 poles per 3 phases) rated value • at tungsten (3 poles per 3 phases) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at resistive load (1 pole per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (3 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 (5 poles per 1 phase) rated value • at resistive load (6 poles per 3 phases) rated value • at resistive load (7 poles per 1 phase) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at resistive load (8 poles per 3 phases) rated value • at Resistive load (8 poles per 3 phases) rated value • at Resistive load (9 poles per 1 phase) rated value • at Resistive load (1 pole per 1 phase) rated value • at Resistive load (2 poles per 1 phase) rated value • at Resistive load (1 pole per 1 phase) rated value • at Resistive load (1 pole per 1 phase) rated value • at Resistive load (1 pole per 1 phase) rated value • at resistive load (2 poles per 1 phase) rated value • at resistive load (1 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	number of NO contacts for main contacts	4
mechanical service life (operating cycles) of the main contacts typical contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value 30A @277V 1p 1ph • at tungsten (2 poles per 1 phase) rated value 30A @480V 2p 1ph • at tungsten (3 poles per 3 phases) rated value 30A @480V 3p 3ph • at ballast (1 pole per 1 phase) rated value 30A @347V 1p 1ph • at ballast (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at ballast (3 poles per 3 phases) rated value 30A @600V 2p 1ph • at resistive load (1 pole per 1 phase) rated value 30A @600V 3p 3ph • at resistive load (1 pole per 1 phase) rated value 30A @347V 1p 1ph • at resistive load (2 poles per 1 phase) rated value 30A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 2p 1ph • at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph Auxiliary contact number of NC contacts for auxiliary contacts 0 number of NO contacts for auxiliary contacts 0 number of total auxiliary contacts maximum 4 contact rating of auxiliary contacts maximum 4 contact rating of auxiliary contacts of contactor according to UL NA Coti type of voltage of the control supply voltage AC control supply voltage • at AC at 60 Hz rated value apparent holding power of magnet coil at AC 410 VA apparent holding power of magnet coil at AC 40 VA operating range factor control supply voltage rated value of magnet coil	number of NC contacts for main contacts	0
contact rating of the main contacts of lighting contactor • at tungsten (1 pole per 1 phase) rated value • at tungsten (2 poles per 1 phase) rated value • at tungsten (3 poles per 3 phases) rated value • at tungsten (3 poles per 3 phases) rated value • at ballast (1 pole per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (2 poles per 1 phase) rated value • at ballast (3 poles per 3 phases) rated value • at ballast (3 poles per 3 phases) rated value • at resistive load (1 pole 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 (3 poles per 3 phases) rated value • at resistive load (4 poles per 4 phase) value • at resistive load (6 poles per 4 phase) value • at resistive load (6 poles per 4 phase) value • at resistive load (6 poles per 4 phase) value • at resistive load (6 poles per 4 phase) value • at resistive load		600 V
at tungsten (1 pole per 1 phase) rated value at tungsten (2 poles per 1 phase) rated value at tungsten (3 poles per 3 phases) rated value at tungsten (3 poles per 3 phases) 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 (2 poles per 1 phase) rated value at ballast (3 poles per 3 phases) rated value at resistive load (1 pole per 1 phase) rated value at resistive load (1 pole per 1 phase) rated value at resistive 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 Auxiliary contact number of NO contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage 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 at AC at 60 Hz rated value of magnet coil at AC operating range factor control supply voltage rated value of magnet coil		10000000
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at ballast (1 pole per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (2 poles per 1 phase) rated value at ballast (3 poles per 3 phases) rated value at resistive load (1 pole 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 (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 Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage 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	 at tungsten (2 poles per 1 phase) rated value 	30A @480V 2p 1ph
at ballast (2 poles per 1 phase) rated value at ballast (3 poles per 3 phases) rated value at resistive load (1 pole 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 (3 poles per 3 phases) rated value at resistive load (3 poles per 3 phases) rated value Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage 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 at AC at 60 Hz rated value of magnet coil at AC operating range factor control supply voltage rated value of magnet coil	 at tungsten (3 poles per 3 phases) rated value 	30A @480V 3p 3ph
at ballast (3 poles per 3 phases) rated value at resistive load (1 pole per 1 phase) rated value at resistive 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 Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage 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	 at ballast (1 pole per 1 phase) rated value 	30A @347V 1p 1ph
 at resistive load (1 pole per 1 phase) rated value at resistive 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 30A @600V 2p 1ph at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage 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 0.85 1.1 	 at ballast (2 poles per 1 phase) rated value 	30A @600V 2p 1ph
at resistive load (2 poles per 1 phase) rated value at resistive load (3 poles per 3 phases) rated value 30A @600V 2p 1ph 30A @600V 3p 3ph Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum 4 contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage 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 nack 6000V 2p 1ph 30A @6000V 2p 1ph 30A @6000V 3p 3ph 40A 0 000 000 000 000 000 000 0	 at ballast (3 poles per 3 phases) rated value 	30A @600V 3p 3ph
 at resistive load (3 poles per 3 phases) rated value 30A @600V 3p 3ph Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage 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 0.85 1.1 	 at resistive load (1 pole per 1 phase) rated value 	30A @347V 1p 1ph
Auxiliary contact number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage o 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 0.85 1.1	 at resistive load (2 poles per 1 phase) rated value 	30A @600V 2p 1ph
number of NC contacts for auxiliary contacts number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage • 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 0 0 0 0 0 0 0 0 0 0 0 0 0	 at resistive load (3 poles per 3 phases) rated value 	30A @600V 3p 3ph
number of NO contacts for auxiliary contacts number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage • 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 0 4 4 40 0 0 85 1.1	Auxiliary contact	
number of total auxiliary contacts maximum contact rating of auxiliary contacts of contactor according to UL NA Coil type of voltage of the control supply voltage o 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 number of total auxiliary contacts maximum AC NA AC 208 V 410 VA 410 VA 40 VA 0 perating range factor control supply voltage rated value of magnet coil number of total auxiliary contacts maximum 4 0 NA	number of NC contacts for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL Coil type of voltage of the control supply voltage • 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	number of NO contacts for auxiliary contacts	0
type of voltage of the control supply voltage out of the control supply voltage out 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 according to the control supply voltage rated value of magnet coil according to the control supply voltage rated value of magnet coil	number of total auxiliary contacts maximum	4
type of voltage of the control supply voltage out of the control supply voltage out of the control supply voltage out of the control supply voltage 208 V 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 0.85 1.1	contact rating of auxiliary contacts of contactor according to UL	NA
control supply voltage • 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 0.85 1.1	Coil	
 at AC at 60 Hz rated value apparent pick-up power of magnet coil at AC apparent holding power of magnet coil at AC 40 VA operating range factor control supply voltage rated value of magnet coil 0.85 1.1 	type of voltage of the control supply voltage	AC
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 410 VA 40 VA 0.85 1.1	control supply voltage	
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil 40 VA 0.85 1.1	at AC at 60 Hz rated value	208 V
operating range factor control supply voltage rated value of magnet coil 0.85 1.1	apparent pick-up power of magnet coil at AC	410 VA
magnet coil	apparent holding power of magnet coil at AC	40 VA
Enclosure		0.85 1.1
	Enclosure	

degree of protection NEMA rating of the enclosure	Open device (no enclosure)
design of the housing	NA
Mounting/wiring	
mounting position	Vertical
fastening method	Surface mounting and installation
type of electrical connection for supply voltage line-side	Screw-type terminals
tightening torque [lbf·in] for supply	18 20 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	2x (14 8 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf-in] for load-side outgoing feeder	18 20 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	2x (14 8 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	8 12 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	2x (16 12 AWG)
temperature of the conductor at magnet coil maximum permissible	75 °C
material of the conductor at magnet coil	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required	none
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; 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:CLM0C04208

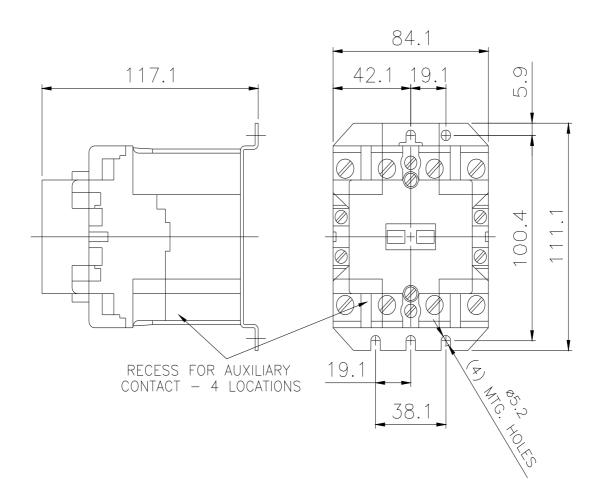
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM0C04208

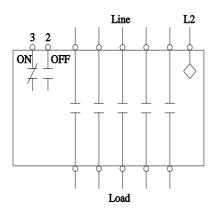
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:CLM0C04208&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM0C04208/certificate



Wiring Diagram Class CLM 30-200 Amp 2, 3, 4 and 5 Pole

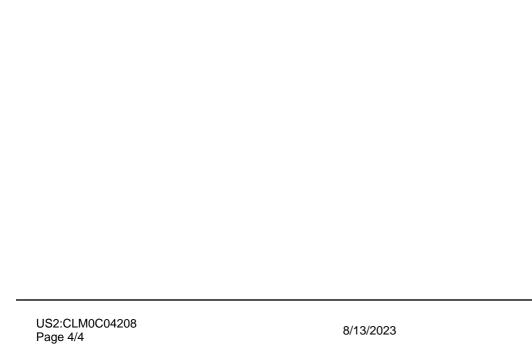


Notes:

- 1. Dotted lines represent additional poles. Contactor may have 2, 3, 4 or 5 poles.
- 2. Optional auxiliary contacts are not shown.

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