## SIEMENS

## Data sheet

## US2:CLM2B08240



Mechanically held lighting contactor, Contactor amp rating 20Amp 0NC  $\_$  8NO poles, 208-240V 50/60HZ coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors

special product featureEnergyGeneral technical data9 lbweight [lb]9 lbHeight x Width x Depth [in]16 ×touch protection against electrical shockNA forinstallation altitude [ft] at height above sea level maximum6560country of originUSAContactorsize of contactor20 Amnumber of NO contacts for main contacts8number of NC contacts for main contacts0operating voltage for main current circuit at AC at 60 Hz600 Vmaximumcontact rating of the main contacts of lighting contactor• at tungsten (1 pole per 1 phase) rated value20A for• at ballast (1 poles per 3 phases) rated value20A for• at ballast (2 poles per 1 phase) rated value20A for• at ballast (3 poles per 3 phases) rated value20A for• at ballast (3 poles per 3 phases) rated value20A for• at ballast (3 poles per 3 phases) rated value20A for• at resistive load (1 pole per 1 phase) rated value20A for• at resistive load (1 pole per 1 phase) rated value20A for• at resistive load (1 pole per 1 phase) rated value20A for• at resistive load (1 pole per 1 phase) rated value20A for• at resistive load (1 pole per 1 phase) rated value20A for• at resistive load (1 pole per 1 phase) rated value20A for• at resistive load (1 pole per 1 phase) rated value30A for	anically held lighting contactor y efficient; Quiet operation 3 × 6 in r enclosed products t
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<ul> <li>at ballast (2 poles per 1 phase) rated value</li> <li>at ballast (3 poles per 3 phases) rated value</li> <li>at resistive load (1 pole per 1 phase) rated value</li> <li>30A (2)</li> </ul>	0250V 3p 3ph
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• at resistive load (1 pole per 1 phase) rated value 30A	0600V 2p 1ph
	0600V 3p 3ph
• at resistive load (2 poles per 1 phase) rated value 30A @	0347V 1p 1ph
	2600V 2p 1ph
• at resistive load (3 poles per 3 phases) rated value 30A (	2600V 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 of contactor according to UL NA	
Coil	
type of voltage of the control supply voltage AC	
control supply voltage	
• at AC at 50 Hz rated value 208	240 V
• at AC at 60 Hz rated value 208	240 V
apparent pick-up power of magnet coil at AC 600 V	A
apparent holding power of magnet coil at AC 6 VA	
operating range factor control supply voltage rated value of 0.85 . magnet coil	. 1.1
Enclosure	
degree of protection NEMA rating of the enclosure NEM/	

design of the housing	dustproof and drip-proof for indoor use
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 18 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	2x (18 10 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 18 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	2x (18 10 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	18 18 lbf·in
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded	2x (18 10 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

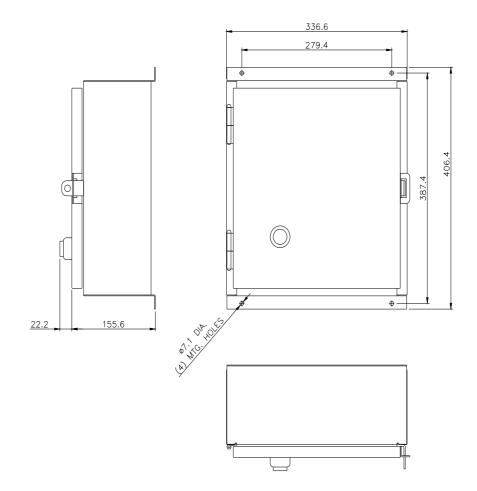
Industry Mall (Online ordering system) https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:CLM2B08240 Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2B08240

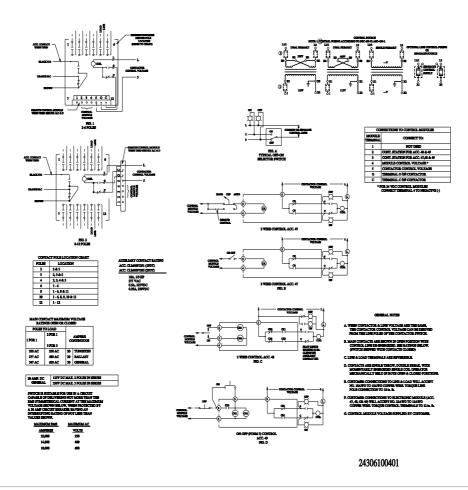
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:CLM2B08240&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:CLM2B08240/certificate





last modified:

1/25/2022 🖸