## **SIEMENS**

Data sheet US2:LEDB1B003240B



Electrically held lighting contactor, Contactor amp rating 20A, 0 N.C. / 3 N.O. Poles, 220VAC 50HZ/240VAC 60HZ coil, Combination type, 30A/600V non-fuse disconnect, Enclosure NEMA type 1, Indoor general purpose use

product brand name	Class LE
design of the product	Electrically held lighting contactor with non-fusible disconnect switch
special product feature	Compact design; Finger safe control terminals
General technical data	
weight [lb]	38 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	
<ul> <li>during storage</li> </ul>	-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	30000000
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
• at resistive load (2 poles per 1 phase) rated value	20A @600V 2p 1ph
• at resistive load (3 poles per 3 phases) rated value	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	

spee of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  220 V  • at AC at 50 Hz rated value  240 V  apparent locking power of magnet coil at AC  257 VA  258 AC at 50 Hz rated value  259 V  250 V		
and AC at 60 Hz rated value at AC at 60 Hz rated value apparent pick-up power of magnet coil at AC apparent holding power of magnet coil above the second power of th	type of voltage of the control supply voltage	AC
e at AC at 80 Hz rated value apparent pick-up power of magnet coil at AC apparent pick-up ower of magnet coil at AC apparent pick-up ower of magnet coil at AC operating range factor control supply voltage rated value of magnet coil placement of switch disconnector agent coil response value of switch disconnector operating class of the fuse link non-fusible operating class of the fuse link non-fusible operating class of the fuse link non-fusible degree of protection NEMA rating of the enclosure design of the housing mounting position fastening method fyeo of electrical connection for supply voltage line-side flightening torque [lbf-in] for supply flightening torque [lbf-in] for supply flye of one conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply maximum permissible stratementure of the conductor for supply maximum permissible consideration for load-side outgoing feeder flythening forque [lbf-in] for load-side outgoing feeder flythening forque [lbf-in] for load-side outgoing feeder strandmum permissible material of the conductor for load-side outgoing feeder flype of onectable conductor for ross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for ross-sections for AWG cables for load-side outgoing feeder flype of onectable conductor for load-side outgoing feeder flype of onectable conductor for ross-sections for AWG cables fload-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder flype of onectable conductor or or seas-sections for AWG cables fload-side outgoing feeder single or multi-stranded temperature of the conductor or cross-sections or magnet coil for AWG cables single or multi-stranded temperature of the conductor or cross-sections or magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil flype of onectable conductor or at magnet coil flype of onectable conductor or cons	control supply voltage	
apparent pick-up power of magnet coil at AC	<ul> <li>at AC at 50 Hz rated value</li> </ul>	220 V
apparent holding power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil Disconnect Switch response value of switch disconnector design of fuse holder operating class of the fuse link non-fusible operating class of the fuse link Pacilosure degree of protection NEMA rating of the enclosure design of the housing Mounting/wing mounting position fastening method Surface mounting and installation Sype of electrical connection for supply voltage line-side fightening torque [lift-inf] for supply Sype of connectable conductor rosupply Sype of electrical connection for supply maximum permissible temperature of the conductor for supply Sype of electrical connection for supply AL or CU Sype of electrical connection for supply AL or CU Sype of electrical connection for supply AL or CU Sype of electrical connection for bush supply Sype of conductor fros supply AL or CU Sype of electrical connection for load-side outgoing feeder Sype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for cond-side outgoing feeder Maximum permissible To C Screw-type terminals Screw-type te	at AC at 60 Hz rated value	240 V
poperating range factor control supply voltage rated value of magnet coll response value of switch disconnector 30A / 600V 900 900 900 900 900 900 900 900 900	apparent pick-up power of magnet coil at AC	31.7 VA
magnet col  Disconnect Switch  response value of switch disconnector  gording of tise holder  non-fusible  operating class of the fuse link  Enclosure  degree of protection NEMA rating of the enclosure  design of the housing  Mounting/wring  mounting position  statening method  type of electrical connection for supply voltage line-side  tightening torque [bit-in] for supply  you apply  AL or CU  you of electrical connection for supply maximum permissible  material of the conductor for supply maximum permissible  for load-side outgoing feeder  maximum permissible  respective for the conductor for supply maximum permissible  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for supply maximum permissible  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for supply maximum permissible  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for supply maximum permissible  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  Type of connectable conductor cross-sections for AWG cables  for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  Type of electrical connection of magnet coil  tightening torque [libr-in] at magnet coil  tightening torque [libr-in] at magnet coil  Type of electrical connection of the conductor of road-side outgoing feeder  Type of electrical connection of the main contactor for auxiliary contacts  Screw-type terminals  Type of electrical connection at contactor for auxiliary contacts  Type of electrical connecti	apparent holding power of magnet coil at AC	4.8 VA
response value 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 indoors, usable on a general basis  Mounting/wiring mounting position Surface mounting and installation type of electrical connection for supply voltage line-side type of electrical connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply sor delectrical connection for supply working peeder material of the conductor for supply sor delectrical connection for supply working line-side material of the conductor for supply working line-side for AWG cables single or multi-stranded temperature of the conductor for supply working feeder sor load-side outgoing feeder side outgoing feeder for connectable conductor cross-sections for AWG cables for load-side outgoing feeder side outgoing feeder sor load-side outgoing feeder side outgoing feeder sor load-side outgoing feeder side conductor of the conductor for load-side outgoing feeder sor load-side outgoing feeder side outgoing		0.85 1.1
design of fuse holder operating class of the fuse link non-fusible    Pacidisure	Disconnect Switch	
operating class of the fuse link  Enclosure  degree of protection NEMA rating of the enclosure  design of the housing  mounting position  fastening method  Surface mounting and installation  type of electrical connection for supply voltage line-side  fightening torque [librin] for supply  Mounting position  Surface mounting and installation  Surface mounting and installation  Yee of electrical connection for supply voltage line-side  Box lug  fightening torque [librin] for supply  Mounting position  Surface mounting and installation  Yee of connectable conductor cross-sections at line-side for  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply maximum permissible or fole-side outgoing feeder  Surface w-type terminals  Surface w-type terminals  12 (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG  To Cu  Surface multi-stranded  Surface w-type terminals  12 (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG  To Cu  Surface multi-stranded  Surface mounting and installation  13 (14 2 AWG)  AL or CU  AL or CU  24 (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG  To Cu  Surface multi-stranded  Surface mounting and installation  14 (14 2 AWG)  AL or CU  25 (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG  To Cu  Surface multi-stranded  Surface multi-stranded su	response value of switch disconnector	30A / 600V
degree of protection NEMA rating of the enclosure design of the housing mounting position fastening method type of electrical connection for supply voltage line-side lightening torque [ltf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables for conductor for supply maximum permissible material of the conductor for supply maximum permissible for load-side outgoing feeder sightening torque [ltf-in] for load-side outgoing feeder lightening torque [ltf-in] at ontactor for auxiliary contacts fightening torque [ltf-in] at angent coil type of electrical connection of magnet coil type of electrical connection of magnet coil for load-side outgoing feeder sightening torque [ltf-in] at magnet coil type of electrical connection of magnet coil type of electrical connection of magnet coil for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder material of the conductor for load-side outgoing feeder single or multi-stranded to the conductor for load-side outgoing feeder cutype of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil type of connectable conductor for load-side outgoing feeder cutype of connectable conductor for load-side outgoing feeder cutype of connectable conductor cross-sections of magnet coil 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 conductor at magnet coil cutype of connectable conductor of contacts of contacts tightening torque [ltf-in] at contactor for auxiliary contacts signer multi-stranded temperature of the conductor at magnet coil for AWG cables for auxiliary contacts of contacts of the conductor of the conductor of contacts of the conductor of contacts of the conductor of the conductor of contacts of the conductor of the conductor of contacts of the conductor of the conductor of the conductor of the conductor of contacts of the conductor of	design of fuse holder	non-fusible
desgree of protection NEMA rating of the enclosure design of the housing indoors, usable on a general basis  Mounting/Wiring mounting position  A Vertical Surface mounting and installation type of electrical connection for supply voltage line-side Box lug lightening torque [Ibf-In] for supply  A Surface mounting and installation type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible material of the conductor for supply maximum permissible type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder darking permissible for connectable conductor cross-sections for AWG cables for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible for load-side outgoing feeder for load-side outgoing feeder for load-side outgoing feeder maximum permissible for load-side outgoing feeder for load-side outgoing feeder for load-side outgoing feeder maximum permissible for load-side outgoing feeder for load-side outgoing feeder for load-side outgoing feeder for load-side outgoing feeder maximum permissible for load-side outgoing feeder for l	operating class of the fuse link	non-fusible
Mounting/wiring  mounting position fastening method Surface mounting and installation  type of electrical connection for supply voltage line-side Box lug lightening torque [lbf-in] for supply Bye of connectable conductor or cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible To connectable conductor or supply maximum permissible To connectable conductor or supply To connectable conductor or for auxiliary contacts To connectable conductor or magnet coil To connectable conductor or magnet coil To connectable conductor or magnet coil for AWG cables single or multi-stranded To the conductor at magnet coil maximum To connectable conductor at contactor for auxiliary contacts To connectable conductor at contactor	Enclosure	
mounting position Vertical fastening method Surface mounting and installation Surface Surface Surface mounting and installation Surface Su	degree of protection NEMA rating of the enclosure	NEMA 1 enclosure
mounting position  fastening method  fastening method  type of electrical connection for supply voltage line-side  ghost inglightening torque [lbf-in] for supply  35 35 lbf-in  type of connectable conductor cross-sections at line-side for  AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply maximum permissible  material of the conductor for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  maximum permissible  material of the conductor for load-side outgoing feeder  maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  type of connectable conductor for load-side outgoing feeder  AWG cables single or multi-stranded  temperature of the conductor dro 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 maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at contactor for auxiliary contacts  tightening torque [lbf-in] at contactor for auxiliary contacts  type of connectable conductor cross-sections at contactor for auxiliary contacts  pro of connectable conductor at contactor for auxiliary contacts  temperature of the conductor at contactor for auxiliary contacts  for C  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  certificate of suitability  NEMA ICS 2; UL 508	design of the housing	indoors, usable on a general basis
fastening method  Surface mounting and installation  type of electrical connection for supply voltage line-side  Box lug  Surface mounting and installation  Box lug  Some Jug	Mounting/wiring	
type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 35 35 lbf-in 1x (14 2 AWG) AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply maximum permissible for advised single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder To 12 lbf-in ype of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder defectrical connection of magnet coil type of electrical connectable conductor cross-sections of magnet coil type of connectable conductor at magnet coil type of connectable conductor at magnet coil tor AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  To 10 lbf-in  2x (20 16 AWG), 2x (18 14 AWG)  AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible  To 10 lbf-in  2x (20 16 AWG), 2x (18 14 AWG)  AWG cables single or multi-stranded temperature of the conductor at magnet coil type of electrical connection at contactor for auxiliary contacts Screw-type terminals tightening torque [lbf-in] at contactor for auxiliary contacts To 12 lbf-in  2x (20 16 AWG), 2x (18 14 AWG)  AWG cables for auxiliary contacts at contactor for AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts  To 12 lbf-in  2x (20 16 AWG), 2x (18 14 AWG)  AWG cables for auxiliary contacts single or multi-stranded temperature of the conductor at contactor for auxiliary contacts  To 12 lbf-in  100kA@600V (Class R or J)  100kA@600V (	mounting position	Vertical
tightening torque [ibf-in] for supply  ype of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded  temperature of the conductor for supply maximum permissible  material of the conductor for supply  ype of electrical connection for load-side outgoing feeder  tightening torque [ibf-in] for load-side outgoing feeder  tightening torque [ibf-in] for load-side outgoing feeder  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder  ype of connectable conductor for load-side outgoing feeder  aximum permissible  material of the conductor for load-side outgoing feeder  ype of electrical connection of magnet coil  ype of connectable conductor cross-sections of magnet coil  tightening torque [ibf-in] at magnet coil  type of connectable conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil maximum  permissible  material of the conductor at magnet coil CU  ype of electrical connection at contactor for auxiliary contacts  tightening torque [ibf-in] at contactor for auxiliary contacts  type of connectable conductor at ontactor 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  ype of connectable conductor at contactor for auxiliary contacts  ype of connectable conductor at contactor for auxiliary contacts  ype of connectable conductor at contactor for auxiliary contacts  ype of connectable conductor at contactor for auxiliary contacts  ype of connectable conductor at contactor for auxiliary contacts  ype of connectable conductor at contactor for auxiliary contacts  ype of load ypermissible  material of the conductor at contactor for auxiliary contacts  ype	fastening method	Surface mounting and installation
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible and to five conductor for supply and to five conductor for load-side outgoing feeder subject of connectable conductor cross-sections for AWG cables for load-side outgoing feeder subject or multi-stranded and the conductor for load-side outgoing feeder subject or multi-stranded and the conductor for load-side outgoing feeder subject or multi-stranded and the conductor for load-side outgoing feeder and the conductor of magnet coil some scenario and the conductor of magnet coil some scenario and the conductor cross-sections of magnet coil for AWG cables single or multi-stranded and the conductor at magnet coil maximum permissible and the conductor at magnet coil and the conductor for auxiliary contacts and the conductor and the conductor for auxiliary contacts and the conductor and the conductor for auxiliary contacts and the conductor and contactor for auxiliary contacts and the conductor and contactor for auxiliary contacts and the conductor and contactor for auxiliary contacts and the conductor at contactor for auxiliary contacts and the conduc	type of electrical connection for supply voltage line-side	Box lug
type of connectable conductor cross-sections at line-side for A/WG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply AL or CU type of electrical connection for load-side outgoing feeder tightening torque [IbF in] for load-side outgoing feeder Type of connectable conductor cross-sections of ro AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder Type of connectable conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder Utype of electrical connection of magnet coil Screw-type terminals Type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil Type of connectable conductor cross-sections of magnet coil Type of connectable conductor cross-sections of magnet coil Type of connectable conductor cross-sections of magnet coil Type of connectable conductor at magnet coil Type of electrical connection at contactor for auxiliary contacts Type of connectable conductor at magnet coil Type of electrical connection at contactor for auxiliary contacts Utype of electrical connection at contactor for auxiliary contacts Type of connectable conductor cross-sections at contactor for AWG cables 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 Type of connectable conductor cross-sections at contactor for auxiliary contacts Type of connectable conductor cross-sections at contactor for auxiliary contacts Type of connectable conductor cross-sections at contactor for auxiliary contacts Type of electrical connection at contactor for auxiliary contacts Type of electrical connection at contactor for auxiliary contacts Type of electrical connection at contactor for auxiliary contacts Type of e	tightening torque [lbf-in] for supply	35 35 lbf·in
material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections of rAWG for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder maximum permissible stightening torque [lbf·in] at magnet coil type of electrical 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 for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum permissible material of the conductor at magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil for AWG cables single or multi-stranded 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 tightening torque [lbf·in] at contactor for auxiliary contacts  To Cu type of connectable conductor at contactor for auxiliary contacts tightening torque [lbf·in] at contactor for auxiliary contacts  To C  Screw-type terminals  2x (20 16 AWG), 2x (18 14 AWG)  2x (20 16 AWG), 2x (18 14 AWG)  75 °C  Cu  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  certificate of suitability  NEMA ICS 2; UL 508	type of connectable conductor cross-sections at line-side for	1x (14 2 AWG)
type of electrical connection for load-side outgoing feeder  tightening torque [lbf-in] for load-side outgoing feeder  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil  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  tightening torque [lbf-in] at contactor for auxiliary contacts  to for onnectable conductor at magnet coil  type of connectable conductor at magnet coil  type of electrical connection at contactor for auxiliary contacts  tightening torque [lbf-in] at contactor for auxiliary contacts  to for onnectable conductor at magnet coil  type of connectable conductor at magnet coil  type of connectable conductor at magnet coil  type of connectable conductor for auxiliary contacts  to 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  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  certificate of suitability  NEMA ICS 2; UL 508	temperature of the conductor for supply maximum permissible	75 °C
tightening torque [lbf-in] for load-side outgoing feeder  type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil of the permissible  material of the conductor at magnet coil type of connectable conductor at magnet coil maximum permissible  material of the conductor at magnet coil type of connectable conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts tightening torque [lbf-in] at contactor for auxiliary contacts type of electrical connection at contactor for auxiliary contacts type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts ingle or multi-stranded temperature of the conductor at contactor for auxiliary contacts maximum permissible material 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 certificate of suitability  NEMA ICS 2; UL 508	material of the conductor for supply	AL or CU
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded  temperature of the conductor at magnet coil sightening torque [lbf-in] at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor of auxiliary contacts  tightening torque [lbf-in] 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 ingle or multi-stranded  temperature of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  maximum permissible  m	type of electrical connection for load-side outgoing feeder	Screw-type terminals
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded  temperature of the conductor for load-side outgoing feeder maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  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 maximum permissible  material of the conductor at magnet coil maximum permissible  material of the conductor at magnet coil cut type of electrical connection at contactor for auxiliary contacts  tightening torque [lbf-in] 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  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material 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  certificate of suitability  NEMA ICS 2; UL 508	tightening torque [lbf·in] for load-side outgoing feeder	7 12 lbf-in
maximum permissible  material of the conductor for load-side outgoing feeder  type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  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  tightening torque [lbf-in] at contactor for auxiliary contacts  type of connectable conductor at contactor for AWG cables for auxiliary contacts single or multi-stranded  temperature of the conductor 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  material of the conductor at contactor for auxiliary contacts  material of the conductor at contactor for auxiliary contacts  cus  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  certificate of suitability  NEMA ICS 2; UL 508	type of connectable conductor cross-sections for AWG cables	2x (20 16 AWG), 2x (18 14 AWG), 2x 12 AWG
type of electrical connection of magnet coil  tightening torque [lbf-in] at magnet coil  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 contactor for auxiliary contacts  type of electrical connection at contactor for auxiliary contacts  type of connectable conductor cross-sections of magnet coil  type of connectable conductor for auxiliary contacts  type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts in the conductor at contactor for auxiliary contacts  temperature of the conductor at contactor for auxiliary contacts  to the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the conductor at contactor for auxiliary contacts  maximum permissible  material of the fuse link for short-circuit protection of the main circuit required  certificate of suitability  NEMA ICS 2; UL 508		75 °C
tightening torque [lbf-in] at magnet coil  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 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  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  certificate of suitability  NEMA 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  temperature of the conductor at magnet coil maximum permissible  material of the conductor 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  temperature of the conductor at contactor for auxiliary contacts  temperature of the conductor at contactor for auxiliary contacts  material of the conductor at contactor for auxiliary contacts  material of the fuse link for short-circuit protection of the main circuit required  certificate of suitability  NEMA ICS 2; UL 508	type of electrical connection of magnet coil	Screw-type terminals
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  certificate of suitability  NEMA ICS 2; UL 508	tightening torque [lbf-in] at magnet coil	7 10 lbf·in
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  certificate of suitability  NEMA ICS 2; UL 508		2x (20 16 AWG), 2x (18 14 AWG)
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  certificate of suitability  NEMA ICS 2; UL 508		75 °C
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  Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  certificate of suitability  7 12 lbf-in  2x (20 16 AWG), 2x (18 14 AWG)  75 °C  CU  Short-circuit current rating  100kA@600V (Class R or J)	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  certificate of suitability  NEMA 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 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  certificate of suitability  NEMA ICS 2; UL 508	tightening torque [lbf-in] at contactor for auxiliary contacts	7 12 lbf·in
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  certificate of suitability  NEMA ICS 2; UL 508		2x (20 16 AWG), 2x (18 14 AWG)
Short-circuit current rating  design of the fuse link for short-circuit protection of the main circuit required  certificate of suitability  NEMA ICS 2; UL 508	·	75 °C
design of the fuse link for short-circuit protection of the main circuit required  certificate of suitability  100kA@600V (Class R or J)  NEMA ICS 2; UL 508	material of the conductor at contactor for auxiliary contacts	CU
circuit required  certificate of suitability  NEMA ICS 2; UL 508	Short-circuit current rating	
	·	100kA@600V (Class R or J)
Approvals Certificates	certificate of suitability	NEMA ICS 2; UL 508
	Approvals Certificates	



**Test Certificates** 

## Further information

Industrial Controls - Product Overview (Catalogs, Brochures,...)

www.usa.siemens.com/iccatalog

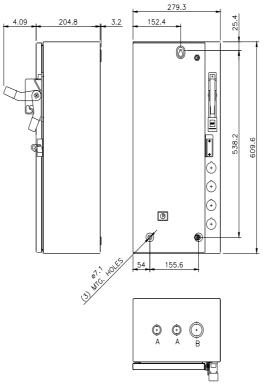
Industry Mall (Online ordering system)
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:LEDB1B003240B

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:LEDB1B003240B

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax">http://www.automation.siemens.com/bilddb/cax</a> de.aspx?mlfb=US2:LEDB1B003240B&lang=en

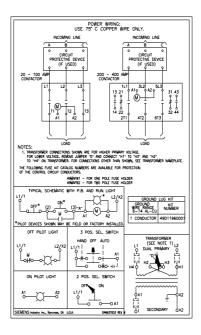
Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:LEDB1B003240B/certificate



CONDUITS	TYP	TOP	&	ROTTOM

LETTER	CONDUIT SIZE
Α	ø12.7 & ø19 CONDUIT
	025 / & 031 8 CONDUIT



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