## **SIEMENS**

Data sheet US2:40EP220L



Non-reversing contactor, Size 1 3/4, 4 power poles, Contactor amp rating 40A, 3 wire (NO aux included), 240V 50Hz / 277V 60Hz coil, Non-combination type, Enclosure NEMA type 12, Dust/drip proof for indoors, Standard width enclosure

product brand name  Class 40  design of the product  special product feature  Half-size controller  General tochnical data  Weight [Ib]  Height x Width x Depth [in]  13 x 8 x 5 in  touch protection against electrical shock Installation altitude [fi] at height above sea level maximum  ambient temperature [*F]  • during storage  • during operation  • during operations  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/280 V rated value  • at 460/480 V rated value  • at 460/480 V rated value  • at 470 Counted or during operation of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rat		
special product feature General tochnical data Weight [Ib] Height x Width x Depth [in] 13 x 8 x 5 in 15 touch protection against electrical shock Installation altitude [if] at height above sea level maximum ambient temperature [*F] during storage during operation -4 +104 *F  ambient temperature during storage during operation -20 +40 *C  country of origin USA  **Norsepower ratings** yeielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value at 220/230 V rated value 5 hp at 460/480 V rated value 5 hp at 4575/600 V rated value 5 hp Contactor  Controlor  Controlor  Controlor of No contacts for main contacts 4 operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 40 A  Auxiliary scontact  number of NC contacts at contactor for auxiliary contacts hpical  Auxiliary scontact  number of NC contacts at contactor for auxiliary contacts hpical  number of NC contacts at contactor for auxiliary contacts hpical  Auxiliary scontact  number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts 1 number of NC contacts at contactor for auxiliary contacts price at AC at 60 Hz rated value 4 AC at 60 Hz rated value 5 AC AC at 60 Hz rated value 6 AC AC control supply voltage 6 AC AC Control supply voltage 7 AC AC BO Hz rated value 7 AV Abding power at AC minimum 8 AC BO AC Control supply voltage 8 AC AC BO Hz rated value 9 AC AC Control supply voltage 9 AC AC Control supply voltage 1 AC AC BO Hz rated value 1 AC AC	product brand name	Class 40
Weight [1b] 11 lb Height x Width x Depth [in] 13 x 8 x 5 in touch protection against electrical shock NA for enclosed products installation altitude [ft] at height above sea level maximum 6560 ft ambient temperature [*F] 22 + 149 *F 4 + 104 *F during storage 22 + 149 *F 4 + 104 *F ambient temperature 4 + 104 *F ambient temperature 5 + 4 + 104 *F aduring operation 20 + 40 *C country of origin USA  Horsepower ratings yielded mechanical performance [ftp] for 3-phase AC motor 1 at 200/208 V rated value 5 ftp 1 at 220/230 V rated value 15 ftp 2 at 480/480 V rated value 15 ftp 2 at 480/480 V rated value 15 ftp 2 at 575/600 V rated value 15 ftp  Contactor  Size of contactor Contacts for main contacts 4 governament of NO contacts for main current circuit at AC at 60 Hz rams/mum operational current at AC at 600 V rated value 40 A mechanical service life (operating cycles) of the main contacts 5 ypical number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at con	design of the product	
weight [ib] Height x Width x Depth [in] 13 x 8 x 5 in touch protection against electrical shock Installation against electrical shock Installation altitude [it] at height above sea level maximum 8560 ft  ambient temperature [if] • during storage • during operation - 4 +104 "F  ambient temperature • during storage • during storage • during operation - 22 +40 "C  country of origin  USA  Horsepower ratings yielded mechanical performance [inp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 4575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 60 rotacts for main contacts  Joperating voltage for main current circuit at AC at 60 Hz maximum  poperational current at AC at 600 V rated value  moperational current at AC at 600 V rated value  moperational current at AC at 600 V rated value  moperational current of NO contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  1  number of NO contacts at contactor for auxiliary contacts  240 V  at AC at 60 Hz rated value	special product feature	Half-size controller
Height x Width x Depth [in]  touch protection against electrical shock NA for enclosed products Installation altitude [ft] at height above sea level maximum ambient temperature [*F] • during storage • during operation ambient temperature • during storage • during operation  ambient temperature • during storage • during operation  country of origin USA  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 460/480 V rated value • at 575/5800 V rated value • at 675/5800 V rated value • at 675/6800 V rated value • at 6800 V rated value	General technical data	
touch protection against electrical shock installation altitude (fil at height above sea level maximum ambient temperature [*F] • during storage • during operation ambient temperature • during storage • during operation ambient temperature • during storage • during operation  arbient temperature • during storage • during operation 20 +65 °C • during operation 20 +40 °C  country of origin  USA  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 480/480 V rated value • at 480/480 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 600 V  maximum operational current at AC at 600 V rated value  operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  and to a storage of the control supply voltage on the fill of the control supply voltage • at AC at 50 Hz rated value	weight [lb]	11 lb
installation altitude [ft] at height above sea level maximum  ambient temperature ["F]  • during storage • during operation  ambient temperature • during storage • during storage • during storage • during operation  2-20+40 "F  ambient temperature • during storage • during operation  2-20+40 "C  country of origin  USA  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 200/208 V rated value • at 220/230 V rated value • at 480/480 V rated value • at 480/480 V rated value • at 475/600 V rated value • at 575/600 V rated value • at 575/600 V rated value • at 675/600 V rated value • at 757/600 V rated value • at 757/600 V rated value • at 757/600 V rated value • at 800 V rated	Height x Width x Depth [in]	13 × 8 × 5 in
ambient temperature ["F]  • during storage  • during operation  ambient temperature  • during operation  • 20 +40 °C  Country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 270/230 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  • at 575/600 V rated value  Size of contactor  size of contactor  size of contactor Controller half size 1 3/4  number of NO contacts for main contacts  4 coperating voltage for main current circuit at AC at 60 Hz  maximum  operational current at AC at 600 V rated value  ### AU A  mechanical service life (operating cycles) of the main contacts  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  AC  control supply voltage  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value	touch protection against electrical shock	NA for enclosed products
during storage during operation during storage during operation  ambient temperature during storage during operation during storage during operation  230 +65 °C  300 +65 °C  200 +40 °C  country of origin  USA  Horsopower ratings yielded mechanical performance [hp] for 3-phase AC motor at 200/208 V rated value 10 hp at 200/208 V rated value 15 hp at 250/200 V rated value 15 hp at 575/600 V rated value 15 hp  Contactor  Size of contactor Controller half size 1 3/4  number of NO contacts for main contacts 4 operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  poperational current at AC at 600 V rated value  poperational current at AC at 600 V rated value  mechanical service life (operating cycles) of the main contacts typical  Auxilliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 number of NO contacts at contactor for auxiliary contacts 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	installation altitude [ft] at height above sea level maximum	6560 ft
oluring operation     ambient temperature     during storage     during operation     20 +65 °C     country of origin     USA  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     at 200/208 V rated value     at 2200/230 V rated value     at 460/480 V rated value     at 575/600 V rated value     at 575/600 V rated value     tontactor  size of contactor  contactor  contactor  contactor  contacting for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  and Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contacts of contactor according to UL  Coll  type of voltage of the control supply voltage  at AC at 50 Hz rated value  at AC at 50 Hz rated value  at AC at 60 Hz rated value	ambient temperature [°F]	
ambient temperature  • during storage  • during operation  -20 +40 °C  -20 +40 °C  country of origin  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value  • at 220/230 V rated value  • at 460/480 V rated value  • at 460/480 V rated value  • at 575/600 V rated value  • at 675/600 V rated value  • at 675/600 V rated value  • This hp  • at 575/600 V rated value  • Ontactor  size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operatinal current at AC at 600 V rated value  40 A  mechanical service life (operating cycles) of the main contacts typical  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  10000000  typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts  10 type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value	during storage	-22 +149 °F
<ul> <li>• during storage</li> <li>• during operation</li> <li>-20 +40 °C</li> <li>Country of origin</li> <li>USA</li> </ul> Horsepower ratings <ul> <li>• gledder mechanical performance [hp] for 3-phase AC motor</li> <li>• at 200/208 V rated value</li> <li>• at 220/230 V rated value</li> <li>• at 460/480 V rated value</li> <li>• at 575/600 V rated value</li> <li>• at 575/600 V rated value</li> <li>• at 575/600 V rated value</li> <li>• bp</li> </ul> Contactor <ul> <li>size of contactor</li> <li>number of NC contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz</li> <li>maximum</li> <li>operational current at AC at 600 V rated value</li> <li>40 A</li> <li>mechanical service life (operating cycles) of the main contacts typical</li> </ul> Auxiliary contact <ul> <li>number of NC contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of NO contacts at contactor for auxiliary contacts</li> <li>number of total auxiliary contacts of contactor according to UL</li> </ul> Coil <ul> <li>type of voltage of the control supply voltage</li> <li>at AC at 50 Hz rated value</li> <li>at AC at 50 Hz rated value</li> <li>at AC at 50 Hz rated value</li> <li>at AC at 60 Hz rated value</li> </ul>	during operation	-4 +104 °F
oduring operation     country of origin     USA  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     at 200/208 V rated value     at 2200/230 V rated value     at 460/480 V rated value     at 60/480 V rated value     at 55/600 V rated value     is performance [hp] for 3-phase AC motor     at 460/480 V rated value     is ph     at 460/480 V rated value     is ph     is at 55/600 V rated value     is ph  Contactor  Size of contactor  Inumber of NC contacts for main contacts     operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  poperational current at AC at 600 V rated value  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NC doublest at contactor for auxiliary contacts  number of total auxiliary contacts maximum  8  contact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  at AC at 50 Hz rated value  at AC at 50 Hz rated value  at AC at 60 Hz rated value  at AC at 60 Hz rated value  at AC at 60 Hz rated value  240 V  at AC at 60 Hz rated value  277 V  holding power at AC minimum  8	ambient temperature	
country of origin USA  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  • at 200/208 V rated value 5 hp  • at 220/230 V rated value 10 hp  • at 460/480 V rated value 15 hp  • at 575/600 V rated value 15 hp  Contactor  size of contactor Controller half size 1 3/4  number of NO contacts for main contacts 4  operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 40 A  mechanical service life (operating cycles) of the main contacts 10000000  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts 11  number of NC contacts at contactor for auxiliary contacts 11  number of NO contacts at contactor for auxiliary contacts 11  number of total auxiliary contacts of contactor according to UL  Coll  type of voltage of the control supply voltage AC  control supply voltage 240 V  • at AC at 60 Hz rated value 247 V  holding power at AC minimum 8.6 W	<ul> <li>during storage</li> </ul>	-30 +65 °C
Horsepower ratings	during operation	-20 +40 °C
yielded mechanical performance [hp] for 3-phase AC motor  at 200/208 V rated value  at 220/230 V rated value  at 460/480 V rated value  at 575/600 V rated value  at 575/600 V rated value  contactor  size of contactor  mumber of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  40 A  mechanical service life (operating cycles) of the main contacts  typical  Auxillary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 10000000  Auxillary contact number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  240 V  at AC at 60 Hz rated value  240 V  at AC at 60 Hz rated value  277 V  holding power at AC minimum  8 6 W	country of origin	USA
at 220/208 V rated value at 220/230 V rated value 10 hp at 460/480 V rated value 15 hp at 575/600 V rated value 15 hp  Contactor  size of contactor  size of contacts for main contacts 4 operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 40 A mechanical service life (operating cycles) of the main contacts typical  Auxillary contact  number of NO contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts 10000000  Auxillary contact 10000000  type of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coll  type of voltage of the control supply voltage at AC at 50 Hz rated value 40 V at AC at 60 Hz rated value 240 V at AC at 60 Hz rated value 277 V holding power at AC minimum 8.6	Horsepower ratings	
at 220/230 V rated value at 460/480 V rated value 15 hp at 575/600 V rated value 15 hp  Contactor  size of contactor  size of contacts for main contacts 4  number of NO contacts for main current circuit at AC at 60 Hz maximum  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value 40 A  mechanical service life (operating cycles) of the main contacts typical  number of NC contacts at contactor for auxiliary contacts number of NC contacts at contactor for auxiliary contacts number of total auxiliary contacts at contactor for auxiliary contacts 1  number of total auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  at AC at 50 Hz rated value  at AC at 60 Hz rated value	yielded mechanical performance [hp] for 3-phase AC motor	
at 460/480 V rated value at 575/600 V rated value  15 hp  Contactor  size of contactor  number of NO contacts for main contacts operating voltage for main current circuit at AC at 60 Hz maximum operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 40 A mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  Coll  type of voltage of the control supply voltage  at AC at 50 Hz rated value  at AC at 60 Hz rated value  240 V  at AC at 60 Hz rated value  277 V  holding power at AC minimum  8.6	• at 200/208 V rated value	5 hp
at 575/600 V rated value  Contactor  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  operational current at AC at 600 V rated value  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  scontact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  at AC at 50 Hz rated value  at AC at 60 Hz rated value	• at 220/230 V rated value	10 hp
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  operational current at AC at 600 V rated value  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  scontact rating of auxiliary contacts of contactor according to UL  Coil  type of voltage of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value  block of the continum of the continum of the continum of the continum of the control supply voltage  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value  block of the continum of the control supply voltage  • at AC at 60 Hz rated value  240 V  • at AC at 60 Hz rated value  8.6 W	• at 460/480 V rated value	15 hp
size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NO contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage  • at AC at 50 Hz rated value • at AC at 60 Hz rated value  1000 V  40 A  10000000  10000000  100000000  1000000	• at 575/600 V rated value	15 hp
number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage  • at AC at 50 Hz rated value • at AC at 60 Hz rated value  holding power at AC minimum  8.600 V  600	Contactor	
operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  dechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor 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 50 Hz rated value  at AC at 60 Hz rated value  both AC  control supply over at AC minimum  8.600 V  600 V	size of contactor	Controller half size 1 3/4
maximum  operational current at AC at 600 V rated value  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage  at AC at 50 Hz rated value  at AC at 60 Hz rated value  at AC at 60 Hz rated value  holding power at AC minimum  40 A  10000000  10000000  100000000  1000000	number of NO contacts for main contacts	4
mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor 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 50 Hz rated value  • at AC at 60 Hz rated value  holding power at AC minimum  10000000  8  AC  Control supply voltage  240 V  277 V  holding power at AC minimum  8.6 W		600 V
Auxiliary contact  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage  o at AC at 50 Hz rated value  o at AC at 60 Hz rated value  holding power at AC minimum  AC  O  AC  240 V  277 V  holding power at AC minimum  8.6 W	operational current at AC at 600 V rated value	40 A
number of NC contacts at contactor for auxiliary contacts number of NO contacts at contactor for auxiliary contacts 1 number of total auxiliary contacts maximum 8 contact rating of auxiliary contacts of contactor according to UL 345VA@115VAC / 768VA@240VAC  Coil type of voltage of the control supply voltage  • at AC at 50 Hz rated value • at AC at 60 Hz rated value  holding power at AC minimum  8.6 W		10000000
number of NO contacts at contactor 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	Auxiliary contact	
number of total auxiliary contacts maximum  contact rating of auxiliary contacts of contactor according to UL  type of voltage of the control supply voltage  output  at AC at 50 Hz rated value  output  holding power at AC minimum  8  345VA@115VAC / 768VA@240VAC  AC  240 V  240 V  8.6 W	number of NC contacts at contactor for auxiliary contacts	0
contact rating of auxiliary contacts of contactor according to UL  345VA@115VAC / 768VA@240VAC  Coil  type of voltage of the control supply voltage  output	number of NO contacts at contactor for auxiliary contacts	1
type of voltage of the control supply voltage  control supply voltage  at AC at 50 Hz rated value  at AC at 60 Hz rated value  holding power at AC minimum  AC  AC  240 V  277 V  8.6 W	number of total auxiliary contacts maximum	8
type of voltage of the control supply voltage  control supply voltage  at AC at 50 Hz rated value  at AC at 60 Hz rated value  240 V  at AC at 60 Hz rated value  277 V  holding power at AC minimum  8.6 W	contact rating of auxiliary contacts of contactor according to UL	345VA@115VAC / 768VA@240VAC
control supply voltage  • at AC at 50 Hz rated value  • at AC at 60 Hz rated value  240 V  holding power at AC minimum  8.6 W	Coil	
<ul> <li>at AC at 50 Hz rated value</li> <li>at AC at 60 Hz rated value</li> <li>holding power at AC minimum</li> <li>8.6 W</li> </ul>	type of voltage of the control supply voltage	AC
● at AC at 60 Hz rated value 277 V holding power at AC minimum 8.6 W	control supply voltage	
holding power at AC minimum 8.6 W	at AC at 50 Hz rated value	240 V
	at AC at 60 Hz rated value	277 V
apparent pick-up power of magnet coil at AC 218 VA	holding power at AC minimum	8.6 W
	apparent pick-up power of magnet coil at AC	218 VA

apparent holding power of magnet coil at AC	25 VA
operating range factor control supply voltage rated value of magnet coil	0.85 1.1
percental drop-out voltage of magnet coil related to the input voltage	50 %
ON-delay time	19 29 ms
OFF-delay time	10 24 ms
Enclosure	
degree of protection NEMA rating of the enclosure	NEMA Type 12
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	45 45 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	1x (14 2 AWG)
temperature of the conductor for supply maximum permissible	75 °C
material of the conductor for supply	AL or CU
type of electrical connection for load-side outgoing feeder	Screw-type terminals
tightening torque [lbf·in] for load-side outgoing feeder	45 45 lbf·in
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	1x (14 2 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	AL or CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	5 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
type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
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	10kA@600V (Class H or K); 100kA@600V (Class R or J)
design of the short-circuit trip	Thermal magnetic circuit breaker
maximum short-circuit current breaking capacity (lcu)	
• at 240 V	14 A
● at 480 V	10 A
• at 600 V	10 A
certificate of suitability	NEMA ICS 2; UL 508; CSA 22.2, No.14
Approvals Certificates	



**Test Certificates** 

## **Further information**

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

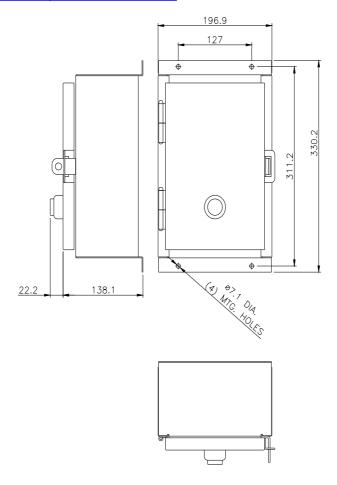
www.usa.siemens.com/iccatalog

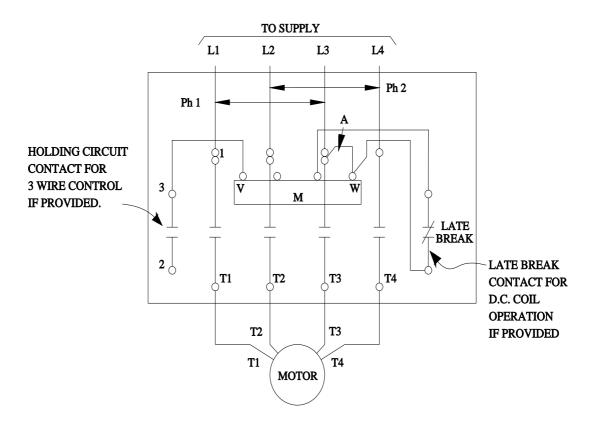
Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:40EP220L

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:40EP220L

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





D25954001

last modified: 11/28/2023 🖸