## **SIEMENS**

Data sheet US2:42BF35AH



Contactor, 42DP,30A,3P,Open,480 Contactor, 42DP,30A,3P,Open,480

design of the product sprace of the product special product feature Snap on auxiliary contacts, enclosed body design Snap on auxiliary contacts and snap Snap Snap Snap Snap Snap Snap Snap S		
Special product feature  General technical data  weight [tb] Height X Width x Depth [in] 3.69 x 2.38 x 2.87 in  touch protection against electrical shock Anot finger-safe ambient temperature ['F] • during storage • during operation ambient temperature • during storage • during operation ambient temperature • during operation  ambient temperature • during operation 75 °C  * during operation country of origin number of poles for main current circuit 3  **Horspower ratings**  yielded mechanical performance [hp] for 3-phase AC motor • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  * at 575/600 V rated value  * operating voltage for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value  * operational current at AC at 600 V rated value  * 250000  **Valuations**  * Auxiliary contact number of NC contacts 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 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 at AC at 600 V contact rating of auxiliary contacts of contactor at AC at 600 V auxiliary contacts at AC at 600 V at 600 V auxiliary contacts at AC at 600 V at 600 V auxiliary contacts at AC at 600 V at 600 V auxiliary contacts at AC at 600 V at 600 V auxiliary contacts at AC at 600 V auxiliary contacts of contactor for auxiliary contacts at AC at 600 V auxiliary contacts of contactor for auxiliary contacts at AC at 600 V aux	product brand name	Class 42 DP Contactors
weight [Ib] 1.04 lb Height x Width x Depth [In] 3.69 x 2.38 x 2.87 in touch protection against electrical shock Not finger-safe ambient temperature [F] • during storage 158 "F • during operation 158 158 "F ambient temperature ouring operation 158 158 "F  ambient temperature ouring operation 158 158 "F  ambient temperature ouring operation 158 158 "F  ambient temperature ouring operation 158 158 "F  country of origin China number of poles for main current circuit 3  ### Independent of Protection our Protec	design of the product	Non-reversing Definite Purpose Contactor
weight [ib] Height x Width x Depth [in] 3,569 x 2,38 x 2,87 in touch protection against electrical shock  ambient temperature [*F] • during storage • during operation  ambient temperature • during operation  for 5° C  country of origin number of poles for main current circuit  **Norsepower ratings** yielded mechanical performance [hp] for 3-phase AC motor • at 460/480 V rated value • at 575/600 V rated value  **Ontactor** size of contactor 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  **Department of NC contacts for auxiliary contacts typical  **Munical service life (operating cycles) of the main contacts typical  **Munical service life (operating cycles) of the main contacts typical  **Munical service life (operating cycles) of the main contacts operating voltage for maxiliary contacts number of NC contacts for auxiliary contacts 1	special product feature	Snap on auxiliary contacts, enclosed body design
Height x Width x Depth [in]  10 durp protection against electrical shock  ambient temperature [*F]  • during storage • during operation  ambient temperature • during storage • during operation  ambient temperature • during storage • during operation  75 °C  70 70 °C  country of origin  number of rot contacts 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 • at AC at 500 Hz reted value  • at AC at 500 Hz reted value  • at AC at 50 Hz reted value  80 440 V	General technical data	
touch protection against electrical shock ambient temperature [*F] • during storage • during operation  ambient temperature • during storage • during operation 70 70 °C  country of origin number of poles for main current circuit  **Horsepower ratings** yielded mechanical performance [hp] for 3-phase AC motor • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  **To high temperature  **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 for auxiliary contacts **number of NC contacts for auxiliary contacts **number of NC contacts at contactor f	weight [lb]	1.04 lb
amblent temperature [*F]  • during storage • during operation  amblent temperature • during storage • during storage • during storage • during storage • during operation  75 °C • during operation  70 70 °C  country of origin  number of poles for main current circuit  3  **Horsspower ratings**  yleided mechanical performance [hp] for 3-phase AC motor • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  15 hp  **Contactor*  size of contactor 30A  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  120 A  **mechanical service life (operating cycles) of the main contacts typical  **Auxillary contact  number of NC contacts for auxillary contacts  number of NC contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts at contactor for auxillary contacts  number of NO contacts of ouxillary contacts  10 A  20 Contact atting of auxillary contacts of contactor  • at AC at 600 V  21 OA  22 Contact atting of auxillary contacts of contactor  • at AC at 50 Hz rated value  • at AC at 50 Hz rated value  38 440 V	Height x Width x Depth [in]	3.69 × 2.38 × 2.87 in
<ul> <li>during storage</li> <li>during operation</li> <li>158 "F</li> <li>158 158 "F</li> <li>ambient temperature</li> <li>during storage</li> <li>during storage</li> <li>during operation</li> <li>70 70 "C</li> <li>country of origin</li> <li>control supply voltage</li> <li>at AG 2 at 600 V</li> <li>number of Polc contacts for auxiliary contacts</li> <li>number of NO contacts of auxiliary contacts</li> <li>number of NO contacts 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 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 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 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 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 NO contacts at contactor for auxiliary contacts</li> <li>number of NO con</li></ul>	touch protection against electrical shock	Not finger-safe
during operation     ambient temperature     during storage     during operation     75 °C     country of origin     China number of poles for main current circuit     3     Horsepower ratings yielded mechanical performance [hp] for 3-phase AC motor     at 460/480 V rated value     10 hp     at 575/600 V rated value     15 hp  Contactor size of contactor     size of contactor     size of contactor     size of contactor     inumber 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     mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact     number of NC contacts 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 auxiliary contacts of contactor     at AC at 600 V     contact rating of auxiliary contacts of contactor     at AC at 600 V     control supply voltage     at AC at 50 Hz rated value     380 440 V	ambient temperature [°F]	
ambient temperature  • during storage  • during operation  country of origin number of poles for main current circuit  3  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor • at 460/480 V rated value • at 575/600 V rated value 10 hp • at 575/600 V rated value 11 hp  contactor  size of contactor  size of contacts for main contacts 30 A number of NO contacts for main contacts 0 operating voltage for main current circuit at AC at 60 Hz maximum 0 operational current at AC at 600 V rated value  mechanical service life (operating cycles) of the main contacts typical  Auxillary contact number of NC contacts for auxiliary contacts 1 Auxiliary contact at contactor for auxiliary contacts 1 Aumiber of NC 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 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 2 number of NO contacts at contactor for auxiliary contacts 3 number of NO contacts at contactor for auxiliary contacts 4 number of NO contacts at contactor for auxiliary contacts 5 number of NO contacts at contactor for auxiliary contacts 5 number of NO contacts at contactor for auxiliary contacts 5 number of NO contacts at contactor for auxiliary contacts 5 number of NO contacts at contactor for auxiliary contacts 5 number of NO contacts at contactor for auxiliary contacts 5 number of NO contacts at contactor for auxiliary contacts 6 number of NO contacts at contactor for auxiliary contacts 7 number of	during storage	158 °F
during storage     during operation     70 70 °C  country of origin China number of poles for main current circuit  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor     at 480/480 V rated value 10 hp     at 575/600 V rated value 15 hp  Contactor  size of contactor  size of 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 120 A  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts 4 number of NC contacts for auxiliary contacts 5 number of NC contacts at contactor for auxiliary contacts 0 number of NC contacts at contactor for auxiliary c	during operation	158 158 °F
<ul> <li>during operation</li> <li>country of origin</li> <li>number of poles for main current circuit</li> <li>Abrospower ratings</li> <li>yielded mechanical performance [hp] for 3-phase AC motor</li> <li>at 460/480 V rated value</li> <li>at 575/600 V rated value</li> <li>10 hp</li> <li>at 575/600 V rated value</li> <li>15 hp</li> <li>Contactor</li> <li>size of contactor</li> <li>number of NO contacts for main contacts</li> <li>operating voltage for main current circuit at AC at 60 Hz maximum</li> <li>operational current at AC at 600 V rated value</li> <li>120 A</li> <li>mechanical service life (operating cycles) of the main contacts typical</li> <li>Auxiliary contact</li> <li>number of NC contacts for auxiliary contacts</li> <li>number of NC contacts at contactor for auxiliary contacts</li> <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 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 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 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 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 NO conta</li></ul>	ambient temperature	
country of origin number of poles for main current circuit 3  Horsepower ratings  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 operational current at AC at 600 V rated value 120 A mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact number of NC contacts for auxiliary contacts number of NC contacts 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 total auxiliary contacts maximum 4 operational current of auxiliary contacts of contactor • at AC at 600 V contact rating of auxiliary contacts of contactor according to UL  Cotil  control supply voltage • at AC at 50 Hz rated value 380 440 V	during storage	75 °C
number of poles for main current circuit  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor  at 460/480 V rated value  10 hp  at 575/600 V rated value  15 hp  Contactor  size of contactor  size of 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  120 A  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary 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 total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  at AC at 600 V  contact rating of auxiliary contacts of contactor  at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  control supply voltage  at AC at 50 Hz rated value  380 440 V	<ul> <li>during operation</li> </ul>	70 70 °C
yielded mechanical performance [hp] for 3-phase AC motor  • at 460/480 V rated value • at 575/600 V rated value • at 575/600 V rated value  To hp • at 575/600 V rated value  10 hp • at 575/600 V rated value  To 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  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NO contacts for auxiliary contacts  number of NO contacts 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 total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  control supply voltage  • at AC at 50 Hz rated value  380 440 V	country of origin	China
yielded mechanical performance [hp] for 3-phase AC motor  • at 460/480 V rated value  • at 575/600 V rated value  10 hp  • at 575/600 V rated value  5ize of contactor  size of contactor  30A  number of NO contacts for main contacts  3 operating voltage for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value  120 A  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  4  number of NC contacts for auxiliary contacts 4  number of NC contacts at contactor for auxiliary contacts 0  number of NC contacts at contactor for auxiliary contacts 0  number of NO contacts at contactor for auxiliary contacts 0  number of total auxiliary contacts maximum 4  operational current of auxiliary contacts of contactor • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage • at AC at 50 Hz rated value  380 440 V	number of poles for main current circuit	3
at 460/480 V rated value bat 575/600 V rated value 15 hp  Contactor  size of contactor  size of contactor  size of Contacts for main contacts 30A  number of NO contacts for main current circuit at AC at 60 Hz maximum  operational current at AC at 600 V rated value 120 A  mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts 4  number of NC contacts for auxiliary contacts 4  number of NC contacts at contactor for auxiliary contacts 0  number of NC contacts at contactor for auxiliary contacts 0  number of total auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage • at AC at 50 Hz rated value  10 hp 15 hp 16 hp 16 hp 17 hp 18 h	Horsepower ratings	
otal s75/600 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 for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts for auxiliary contacts  number of total auxiliary contacts for otactor for auxiliary contacts  number of total auxiliary contacts of contactor  operational current of auxiliary contacts of contactor  otal act at 600 V  total contacts at contactor of contactor of contactor of auxiliary contacts of contactor  otal AC at 600 V  total auxiliary contacts of contactor according to UL  contact rating of auxiliary contacts of contactor according to UL  control supply voltage  otal AC at 50 Hz rated value  18 bp  19 A  10 A  20 A  10 A  20 A  10 A  20 A  2	yielded mechanical performance [hp] for 3-phase AC motor	
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 for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  operational current at AC at 600 V  total auxiliary contacts of contactor  at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  control supply voltage  at AC at 50 Hz rated value  380 440 V	<ul> <li>at 460/480 V rated value</li> </ul>	10 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 NC contacts for auxiliary contacts  number of NC contacts 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 total auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  control supply voltage  • at AC at 50 Hz rated value  380 440 V	• 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 for auxiliary contacts  number of NO contacts 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 total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  control supply voltage  • at AC at 50 Hz rated value  380 440 V	Contactor	
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 for auxiliary contacts  number of NC contacts 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 total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  control supply voltage  • at AC at 50 Hz rated value  600 V  4  250000  100  A  100  100  100  100  100	size of contactor	30A
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 for auxiliary contacts  number of NC contacts for auxiliary 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 total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage  • at AC at 50 Hz rated value  120 A  250000  10 A  10 A  10 A  10 A  26000VAC (A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC  Coil  control supply voltage  • at AC at 50 Hz rated value  380 440 V	number of NO contacts for main contacts	3
mechanical service life (operating cycles) of the main contacts typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of NC contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage  • at AC at 50 Hz rated value  380 440 V		600 V
typical  Auxiliary contact  number of NC contacts for auxiliary contacts  number of NO contacts 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 total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage  • at AC at 50 Hz rated value  380 440 V	operational current at AC at 600 V rated value	120 A
number of NC contacts for auxiliary contacts  number of NO contacts 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 total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage  • at AC at 50 Hz rated value  380 440 V		250000
number of NO contacts 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 total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage  • at AC at 50 Hz rated value  380 440 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  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage  • at AC at 50 Hz rated value  380 440 V	number of NC contacts for auxiliary contacts	4
number of NO contacts at contactor for auxiliary contacts  number of total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  10A@600VAC (A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC  Coil  control supply voltage  • at AC at 50 Hz rated value  380 440 V	number of NO contacts for auxiliary contacts	4
number of total auxiliary contacts maximum  operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage  • at AC at 50 Hz rated value  4  10 A  10 A  10 A  10 A  10 A  20 A  10 A  20 A	number of NC contacts at contactor for auxiliary contacts	0
operational current of auxiliary contacts of contactor  • at AC at 600 V  contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage  • at AC at 50 Hz rated value  10 A  10 A  10 A  10 A  10 A  20 A  10 A  20	number of NO contacts at contactor for auxiliary contacts	0
◆ at AC at 600 V     contact rating of auxiliary contacts of contactor according to UL  Coil  control supply voltage     ◆ at AC at 50 Hz rated value  10 A	number of total auxiliary contacts maximum	4
contact rating of auxiliary contacts of contactor according to UL  10A@600VAC (A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC  Coil  control supply voltage  • at AC at 50 Hz rated value  380 440 V	operational current of auxiliary contacts of contactor	
Coil  control supply voltage  ● at AC at 50 Hz rated value 380 440 V	• at AC at 600 V	10 A
control supply voltage  ● at AC at 50 Hz rated value 380 440 V	contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC
• at AC at 50 Hz rated value 380 440 V	Coil	
	control supply voltage	
• at AC at 60 Hz rated value 440 480 V	<ul> <li>at AC at 50 Hz rated value</li> </ul>	380 440 V
	<ul> <li>at AC at 60 Hz rated value</li> </ul>	440 480 V

Enclosure	
degree of protection NEMA rating of the enclosure	Open device (no enclosure)
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	40 40 lbf·in
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	8 AWG
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	8 AWG
type of electrical connection of magnet coil	Quick connects, Screw-type terminals
type of electrical connection for auxiliary and control circuit	Quick Connects, Screw-type terminals
type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
Certificates/ approvals	
certificate of suitability	cRUus, ARI 780 & 790, UL File E14900
Further information	

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

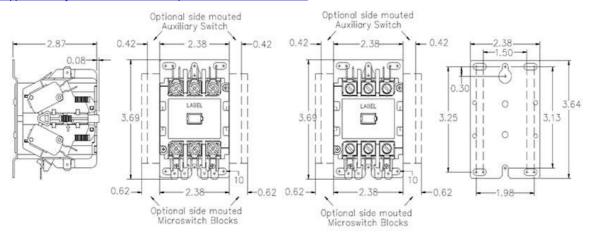
https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:42BF35AH

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:42BF35AH

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:42BF35AH&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:42BF35AH&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:42BF35AH/certificate



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