## **SIEMENS**

Data sheet US2:42FE35AJ



Contactor, 42DP,75A,3P,Open,24V Contactor, 42DP,75A,3P,Open,24V

design of the product special product feature Snap on auxiliary contacts, enclosed body design  General technical data  weight [lb] Height x Width x Depth [in] 5.02 x 3.5 x 4.39 in touch protection against electrical shock Not finger-safe ambient temperature [°F] olduring storage during operation 158 158 °F ambient temperature olduring storage olduring operation 70 70 °C  country of origin number of poles for main current circuit 3  Horsepower ratings  yielded mechanical performance [hp] for 3-phase AC motor olduring storation 158 158 °F  40 hp old had hp old hp old hp old hp old had had had had hp old hp old hp old had had had had had had hp old hp old had had had had had had hp old had had had had had had had had had ha	
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Size of contactor  size of contactor  number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz  600 V	
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number of NO contacts for main contacts  operating voltage for main current circuit at AC at 60 Hz  600 V	
operating voltage for main current circuit at AC at 60 Hz 600 V	
operational current at AC at 600 V rated value 300 A	
mechanical service life (operating cycles) of the main contacts typical 250000	
Auxiliary contact	
number of NC contacts for auxiliary contacts 2	
number of NO contacts for auxiliary contacts 2	
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 2	
operational current of auxiliary contacts of contactor	
• at AC at 600 V 10 A	
contact rating of auxiliary contacts of contactor according to UL 10A@600VAC (A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VAC	DC
Coil	
control supply voltage	
• at AC at 50 Hz rated value 24 V	
at AC at 60 Hz rated value     24 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	Box lug	
tightening torque [lbf·in] for supply	60 60 lbf·in	
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	1/0 AWG	
type of electrical connection for load-side outgoing feeder	Box lug	
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded	1/0 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)

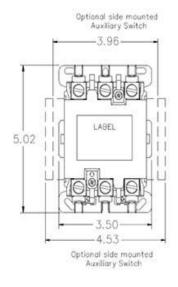
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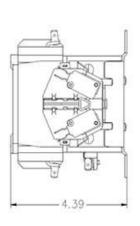
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:42FE35AJ

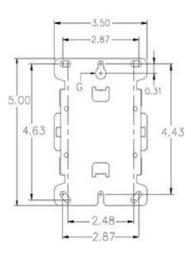
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) <a href="http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:42FE35AJ&lang=en">http://www.automation.siemens.com/bilddb/cax\_de.aspx?mlfb=US2:42FE35AJ&lang=en</a>

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:42FE35AJ/certificate







last modified:

5/25/2021