SIEMENS

Data sheet

US2:42EF35AH



Contactor, 42DP,60A,3P,Open,480 Contactor, 42DP,60A,3P,Open,480

product brand name Class 42 DP Contactors design of the product Non-reversing Definite Purpose Contactor special product feature Snap on auxiliary contacts, enclosed body design General technical data	
special product feature Snap on auxillary contacts, enclosed body design General technical data weight [b] 1.59 lb Height x Width x Depth [in] 4.04 × 2.87 × 3.11 in touch protection against electrical shock Not finger-safe ambient temperature [°F] • • during operation 158 °F ambient temperature 75 °C • during operation 75 °C antig operation 70 70 °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 25 hp • at 657/600 V rated value 30 hp Contactor 3 size of contactor 60A number of NO contacts for main contacts 3 operating voltage for main current circuit at AC at 60 Hz 60A operating voltage for main current circuit at AC at 60 Hz 600 V maximum 240 A operating voltage for auxillary contacts 4 number of NC contacts for auxillary contacts	
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number of total auxiliary contacts maximum 4	
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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 2	50VDC
Coil	
control supply voltage	
• at AC at 50 Hz rated value 380 440 V	
• at AC at 60 Hz rated value 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	Box lug	
tightening torque [lbf·in] for supply	50 50 lbf·in	
type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	2 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	2 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)

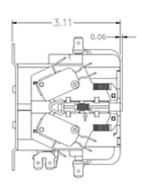
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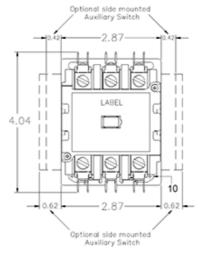
Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:42EF35AH

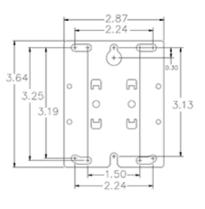
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:42EF35AH&lang=en

Certificates/approvals

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