SIEMENS

Data sheet US2:42DF35AF



Contactor, 42DP,50A,3P,Open,120 Contactor, 42DP,50A,3P,Open,120

special product feature General technical data weight [lb] Height x Width x Depth [in] touch protection against electrical shock Ambient temperature [°F] during storage during operation temperature during storage during operation ambient temperature during storage during operation ambient temperature during operation 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 Contactor size of contactor number of NO contacts 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 contacts maximum operational current of auxiliary contacts onumber of total auxiliary contacts maximum operational current of auxiliary contacts of contactor	Definite Purpose Contactor ary contacts, enclosed body design 3.11 in
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• at AC at 600 V 10 A	
contact rating of auxiliary contacts of contactor according to UL 10A@600\	
Coil	(A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC
control supply voltage	(A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC
• at AC at 50 Hz rated value 110 V	(A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC
• at AC at 60 Hz rated value 110 120	(A600), 11A 1/2HP 125-250VAC, 0.6A 125VDC, 0.3A 250VDC

Enclosure		
Eliciosure		
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)

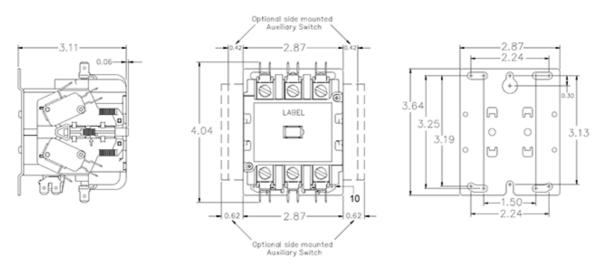
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/US/en/ps/US2:42DF35AF

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=US2:42DF35AF&lang=en

Certificates/approvals

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