SIEMENS

Data sheet US2:42EF35AH



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

Coil control supply voltage	
special product feature General technical data weight [lb]	
weight [lb] 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 storage 158 °F • during operation 158 158 °F ambient temperature • during storage 75 °C • during operation 70 70 °C country of origin 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 25 hp • at 575 °C size of contactor 600A number of NO contacts for main current circuit at AC at 60 Hz maximum operational current at AC at 600 V rated value 240 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 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contactor for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contacts for auxiliary contacts 10 number of NC contacts at contacts for contactor 10 number of NC contacts	ntactor
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Coil control supply voltage	
control supply voltage	125-250VAC, 0.6A 125VDC, 0.3A 250VDC
• 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
Approvals Certificates	



Test Certificates

Further information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

 $\underline{https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=US2:42EF35AH}$

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

https://support.industry.siemens.com/cs/US/en/ps/US2:42EF35AH/certificate

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