SIEMENS

Data sheet US2:87HUG6FF



Pump control panel, Size 3, Three phase full voltage, Solid-state overload relay, OLR amp range 25-100A, 110V 50Hz / 120V 60Hz coil, Standard type contactor, 100A fusible disconnect, 100A/600V fuse clip, HOA Sel Sw. <(>&<)> Start P.B., Enclosure NEMA type 3/3R, Weather proof outdoor use

Figure similar

	mp control panel with fused disconnect switch
special product feature ES	P200 overload relay
General technical data	
weight [lb] 81	lb
Height x Width x Depth [in] 41	× 24 × 8 in
touch protection against electrical shock NA	for enclosed products
installation altitude [ft] at height above sea level maximum 656	60 ft
ambient temperature [°F]	
• during storage -22	2 +149 °F
• during operation -4 .	+104 °F
ambient temperature	
• during storage -30) +65 °C
• during operation -20) +40 °C
country of origin US	SA
Horsepower ratings	
yielded mechanical performance [hp] for 3-phase AC motor	
• at 200/208 V rated value 0 h	p
• at 220/230 V rated value 0 h	p
• at 460/480 V rated value 50	hp
• at 575/600 V rated value 50	hp
Contactor	
size of contactor NE	MA controller size 3
number of NO contacts for main contacts 3	
operating voltage for main current circuit at AC at 60 Hz maximum 600	0 V
operational current at AC at 600 V rated value 90 A	A
mechanical service life (switching cycles) of the main contacts typical 500	00000
Auxiliary contact	
number of NC contacts at contactor for auxiliary contacts 0	
number of NO contacts at contactor for auxiliary contacts 1	
number of total auxiliary contacts maximum 7	
contact rating of auxiliary contacts of contactor according to UL	A@600VAC (A600), 5A@600VDC (P600)
Coil	
type of voltage of the control supply voltage AC	
control supply voltage	

at AC at 60 Hz rated value at AC at 60 Hz rated value 110 110 V at AC at 60 Hz rated value 120 120 V holding power at AC minimum 14 W apparent pick-up power of magnet coil at AC operating range factor control supply voltage rated value of magnet coil percental drop-out voltage of magnet coil related to the input voltage ON-delay time 26 41 ms OFF-delay time 0FF-delay time Vestoad rolay product function overload protection overload relay product function ves overload protection overload relay product function overload relay product function overload protection overload protection overload protection overload protection overload relay ves overload protection overload relay ves reset function trip class overload protection dependent overload release tripping time at phase-loss maximum relative repeat accuracy product feature protective coating on printed-circuit board rumber of NC contacts of auxiliary contacts of overload relay operational current of auxiliary contacts of overload relay according to Ut. south of the contacts of auxiliary contacts of overload relay according to Ut. south of the contacts of the function of the contact relay of auxiliary contacts of overload relay according to Ut. south of the contacts of the function of the contact relay overload relay according to Ut. south of the contact of the contact of the contact relay overload relay according to Ut. south of the contact of the con
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Standard Control Davisos
Standard Control Devices
product component Hand-Off-Auto selector switch Yes
type of Hand-Off-Auto selector switch 30mm metal housing with matte finish
product component start push button Yes
type of start push button 30mm metal housing with matte finish
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 120 120 lbf·in
type of connectable conductor cross-sections at line-side at AWG cables single or multi-stranded 1x (14 1/0 AWG)
temperature of the conductor for supply maximum 75 °C permissible
material of the conductor for supply AL or CU
type of electrical connection for load-side outgoing feeder Box lug

tightening torque [lbf·in] for load-side outgoing feeder	120 120 lbf·in
type of connectable conductor cross-sections at AWG cables for load-side outgoing feeder single or multi-stranded	1x (14 2/0 AWG)
temperature of the conductor for load-side outgoing feeder maximum permissible	75 °C
material of the conductor for load-side outgoing feeder	AL or CU
type of electrical connection of magnet coil	Screw-type terminals
tightening torque [lbf·in] at magnet coil	5 12 lbf·in
type of connectable conductor cross-sections of magnet coil at AWG cables single or multi-stranded	2x (16 12 AWG)
temperature of the conductor at magnet coil maximum permissible	75 °C
material of the conductor at magnet coil	CU
type of electrical connection at contactor for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at contactor for auxiliary contacts	10 15 lbf·in
type of connectable conductor cross-sections at contactor at AWG cables for auxiliary contacts single or multi- stranded	1x (12 AWG), 2x (16 14 AWG), 2x (18 16 AWG)
temperature of the conductor at contactor for auxiliary contacts maximum permissible	75 °C
material of the conductor at contactor for auxiliary contacts	CU
type of electrical connection at overload relay for auxiliary contacts	Screw-type terminals
tightening torque [lbf·in] at overload relay for auxiliary contacts	7 10 lbf·in
type of connectable conductor cross-sections at overload relay at AWG cables for auxiliary contacts single or multi-stranded	2x (20 14 AWG)
temperature of the conductor at overload relay for auxiliary contacts maximum permissible	75 °C
material of the conductor at overload relay for auxiliary contacts	CU
Short-circuit current rating	
design of the fuse link for short-circuit protection of the main circuit required	10kA@600V (Class H or K); 100kA@600V (Class R or J)
certificate of suitability	NEMA ICS 2; UL 508
Further information	

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

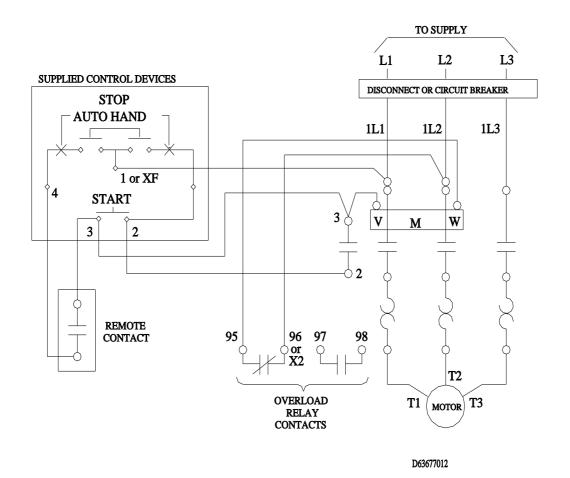
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Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

https://support.industry.siemens.com/cs/US/en/ps/US2:87HUG6FF

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/US2:87HUG6FF/certificate



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