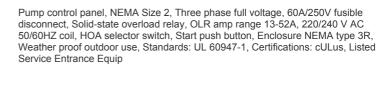
3RE4802-0GJ56-4FA0

Data sheet

design of the product



Pump control panel with fused disconnect switch



design of the product	Fullip Control parier with fused disconnect switch			
special product feature	ESP200 overload relay			
General technical data				
weight [lb]	46 lb(av)			
Height x Width x Depth [in]	29 × 20 × 8 in			
touch protection against electrical shock	(NA for enclosed products)			
installation altitude [ft] at height above sea level maximum	6560 ft			
ambient temperature [°F]				
during storage	-22 +149 °F			
during operation	-4 +104 °F			
ambient temperature				
 during storage 	-30 +65 °C			
during operation	-20 +40 °C			
country of origin	Mexico			
Horsepower ratings				
yielded mechanical performance [hp] for 3-phase AC motor				
at 200/208 V rated value	10 hp			
• at 220/230 V rated value	15 hp			
at 460/480 V rated value	0 hp			
• at 575/600 V rated value	0 hp			
Contactor				
size of contactor	NEMA controller size 2			
number of NO contacts for main contacts	3			
operating voltage for main current circuit at AC at 60 Hz maximum	240 V			
operational current at AC at 600 V rated value	45 A			
mechanical service life (operating cycles) of the main contacts typical	10000000			
Auxiliary contact				
number of NC contacts at contactor for auxiliary contacts	1			
number of NO contacts at contactor for auxiliary contacts	1			
number of total auxiliary contacts maximum	4			
contact rating of auxiliary contacts of contactor according to UL	10A@600VAC (A600), 5A@600VDC (P600)			
Coil				
type of voltage of the control supply voltage	AC			
control supply voltage				
at DC rated value	0 0 V			
 at AC at 50 Hz rated value 				
	220 220 V			
• at AC at 60 Hz rated value	220 220 V 240 240 V			

ON delay time 10 - 80 ms 10 - 80	operating range factor control supply voltage rated value of magnet coil	0.8 1.1
Overload intelly Product function • overload protection • overloa		10 80 ms
Operational contents Operation (Inciton) Operatio	•	
product function		
vertical protection		
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mounting position Vertical fastening method Surface mounting and installation type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply 35 35 lbf-in type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply and supply maximum permissible tightening torque [lbf-in] for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connectable conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 75 °C	2	Committee Housing with matter fillion
fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of electrical connection of magnet coil type of connectable conductor or magnet coil type of connectable conductor for load-side outgoing feeder type of connectable conductor or magnet coil type of connectable conductor or magnet coil type of connectable conductor at magnet coil maximum 75 °C		
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temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf·in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side	Surface mounting and installation Box lug
material of the conductor for supply type of electrical connection for load-side outgoing feeder screw-type terminals tightening torque [lbf-in] for load-side outgoing feeder 27 40 lbf-in type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil screw-type terminals tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for	Surface mounting and installation Box lug 35 35 lbf·in
type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG)
tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C
type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C AL or CU
temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C AL or CU Screw-type terminals
material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum CU Screw-type terminals 7 10 lbf·in 2x (20 16), 2x (18 14)	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C AL or CU Screw-type terminals 27 40 lbf·in
type of electrical connection of magnet coil tightening torque [lbf·in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum Screw-type terminals 7 10 lbf·in 2x (20 16), 2x (18 14)	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C AL or CU Screw-type terminals 27 40 lbf·in 2x (18 2), 1x (18 1)
tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 7 10 lbf-in 2x (20 16), 2x (18 14) 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C AL or CU Screw-type terminals 27 40 lbf·in 2x (18 2), 1x (18 1) 75 °C
type of connectable conductor cross-sections of magnet coil for AWG cables single or multi-stranded temperature of the conductor at magnet coil maximum 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C AL or CU Screw-type terminals 27 40 lbf·in 2x (18 2), 1x (18 1) 75 °C CU
temperature of the conductor at magnet coil maximum 75 °C	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C AL or CU Screw-type terminals 27 40 lbf·in 2x (18 2), 1x (18 1) 75 °C CU Screw-type terminals
	mounting position fastening method type of electrical connection for supply voltage line-side tightening torque [lbf-in] for supply type of connectable conductor cross-sections at line-side for AWG cables single or multi-stranded temperature of the conductor for supply maximum permissible material of the conductor for supply type of electrical connection for load-side outgoing feeder tightening torque [lbf-in] for load-side outgoing feeder type of connectable conductor cross-sections for AWG cables for load-side outgoing feeder single or multi-stranded temperature of the conductor for load-side outgoing feeder maximum permissible material of the conductor for load-side outgoing feeder type of electrical connection of magnet coil tightening torque [lbf-in] at magnet coil type of connectable conductor cross-sections of magnet coil for	Surface mounting and installation Box lug 35 35 lbf·in 1 x (14 2 AWG) 75 °C AL or CU Screw-type terminals 27 40 lbf·in 2x (18 2), 1x (18 1) 75 °C CU Screw-type terminals 7 10 lbf·in

General Product Ap-	Test Certificates	other		Environment		
Approvals Certificates						
certificate of suitability		NEMA ICS 2; UL 508				
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)				
Short-circuit current rat	ing					
material of the conductor at overload relay for auxiliary contacts		CU				
temperature of the conductor at overload relay for auxiliary contacts maximum permissible		75 °C				
type of connectable conductor cross-sections at overload relay for AWG cables for auxiliary contacts single or multi-stranded			2 x (20 14 AWG)			
tightening torque [lbf·in] at overload relay for auxiliary contacts			7 10 lbf·in			
type of electrical connection at overload relay for auxiliary contacts			Screw-type terminals			
material of the conductor at contactor for auxiliary contacts			CU	CU		
temperature of the conductor at contactor for auxiliary contacts maximum permissible			75 °C			
type of connectable conductor cross-sections at contactor for AWG cables for auxiliary contacts single or multi-stranded			2x (20 16), 2x (18 14)			
tightening torque [lbf-in] at contactor for auxiliary contacts			7 10 lbf·in			
type of electrical connection at contactor for auxiliary contacts			Screw-type terminals			
material of the conductor	or at magnet coil		CU			



proval



Confirmation

Environmental Confirmations

Further information

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

www.usa.siemens.com/iccatalog

Industry Mall (Online ordering system)

https://mall.industry.siemens.com/mall/en/us/Catalog/product?mlfb=3RE4802-0GJ56-4FA0

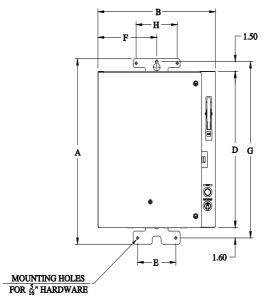
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

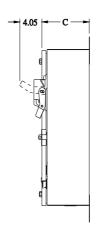
https://support.industry.siemens.com/cs/US/en/ps/3RE4802-0GJ56-4FA0

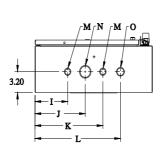
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=3RE4802-0GJ56-4FA0&lang=en

Certificates/approvals

https://support.industry.siemens.com/cs/US/en/ps/3RE4802-0GJ56-4FA0/certificate







OUTLIN	IE DIMEN	SIONS				
A	В	С				
28.50	20.00	8.06				
MOUNT	ING DIM	ENSIONS				
D	Е	F	G	H		
24.00	6.50	10.00	27.10	7.00		
CONDU	IT KNOCI	KOUTS				
I	J	K	L	M	N	0
5.50	8.50	11.50	14.50	1.12875	1.96-1.71	1.35-1.12

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