Contactors

RLY550 Series

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Features

- #14-4 Compression Lugs with .250" (6.35mm) QC Terminals
- Silver Cadmium Oxide Contacts
- UL 508 File No. E227250
 - Class NLDX2, NLDX8



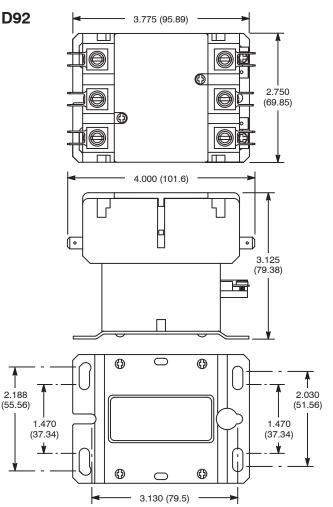
AC OPERATED						
	Coils		Contacts			
NTE Type No.	Input Voltage	Nom. Sealed	Contact Arr.	Max. Contact Cur. @ 600VAC	Diag No.	
RLY550-3-24	24 VAC	13 VA	3PST-NO	50A	D92	
RLY550-3-120	120 VAC	13 VA	3PST-NO	50A	D92	
RLY550-3-240	240 VAC	13 VA	3PST-NO	50A	D92	

	Motor Rating in Amps					
Number		Resistive	Locked Rotor			
Number of Poles	Full Load	@ 600VAC	@ 240VAC	@ 480VAC	@ 600VAC	
3	50A	65A	300A	250A	200A	

Motor Horsepower Ratings					
Motor Type	@ 120VAC	@ 240VAC	@ 480VAC	@ 600VAC	
1Ø3P	3 HP	7.5 HP	-	-	
3∅3P	-	15 HP	25 HP	25 HP	

ACCESSORIES				
DESCRIPTION	NTE TYPE NO.			
Auxiliary Switch, 1 SPDT Snap Action Switch w/.250" QC Terminals	RLY9190			
Auxiliary Switch, 2 SPDT Snap Action Switches w/.250" QC Terminals	RLY9191			
Auxiliary Switch, 1 SPST-NO & 1 SPST-NC Switch w/.250" QC Terminals	RLY9192			
Auxiliary Switch, 1 SPST-NO & 1 SPST-NC Switch w/6-32 Screw Terminals	RLY9193			

Definite Purpose, 50 FLA, 3 Pole NO



Electrical Specifications

Initial Dielectric Strength

Between Contact and Coil: 2200 VAC

Between Poles: 2200 VAC (includes shunt)

Between Open Contacts: 2200 VAC (no shunt) Insulation System: 130°C Class B

Power Pole Terminations: Aluminum Box Lug

Wire Size: 14-2

Recommended Tightening Torque: 50 in. lbs.

Quick Connects

Coil Terminals: Dual: .250" QC or #6–32 Screw/.250" QC Power Terminals: Dual .250" QC

Coil

Nom Coil Resistance: 2.4Ω (24V); 45Ω (120V); 180Ω (240V)

Max. Pick-up Voltage: 75% of nominal or less, DC Min Drop-out Voltage: 6-15V (24V); 20-70V (120V); 40-140V (240V) Nom Inrush (60Hz): 130 VA

Max Coil Voltage: 30V (24V); 132V (120V); 264V (240V)

Environmental Characteristics

Operating: -40°C to +65°C

Weight

Std: 2 lbs (907.18 grams)—typical

Note It is not recommended to mount or operate contactors upside-down.