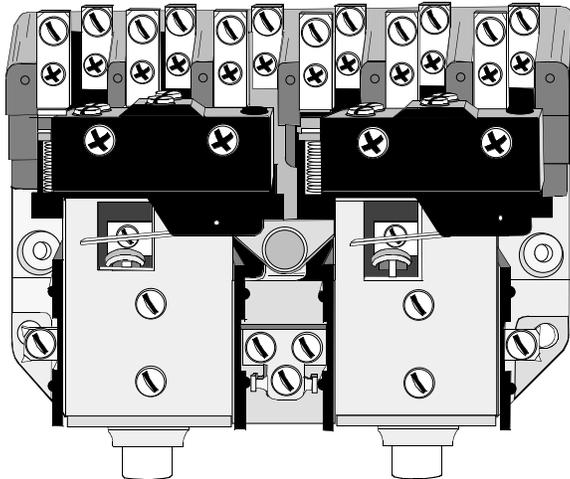
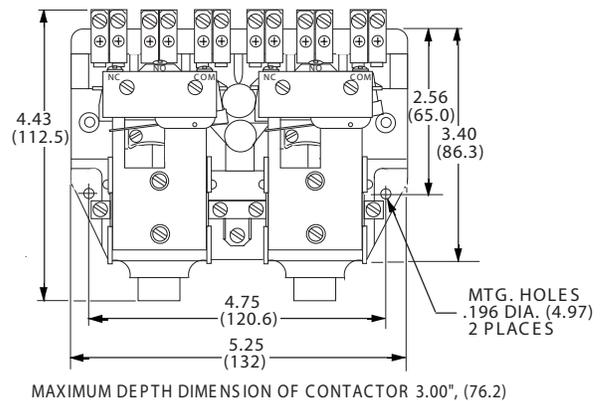


Class 575 relay is rated to 7.5 HP. Two sets of 3 pole, double-make, N.O. contacts are mechanically interlocked to prevent simultaneous closure. Front mounted auxiliary contacts are available for electrical lockup and lockout. The 575 motor reversing contactor is widely used for control of overhead doors, elevators, hoists, machine tools, and other similar devices that requires frequent jogging



RECOMMENDED MOUNTING POSITION

OUTLINE DIMENSIONS
Dimensions shown in Inch and (Millimeters)

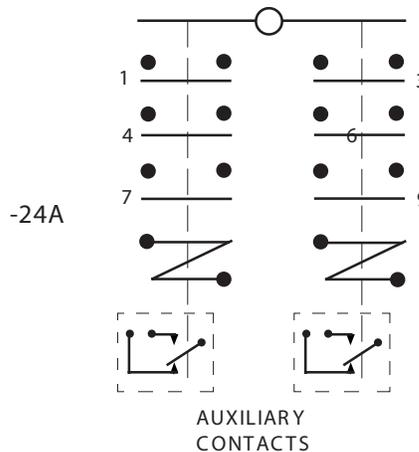


STRUTHERS-DUNN

ORDERING CODE	Typical Type No.	A575	KXX	90
Series	A575, 5 screw Terminals, 2 coil motor rev. contactor, 1.5 - 7.5 HP			
Contact Arrangements	KXX (3PDM-NO., per coil)			
Options	1 Form SPST-NO & SPST-NC Aux. contacts per coil, Rated 5 Amps - CODE 74 SPDT Aux. contact per coil Rated 5 Amps. - CODE 90			
Coil Voltage	AC12, 24, 120, 240, 440, 550 (Add "A") DC: 12, 24, 115-125, 240 (Add "D")			

Mechanical Interlock omitted, Consult Factory
OPTIONS (CONSULT FACTORY)

WIRING DIAGRAM



PART NUMBER SHOWN ALSO AVAILABLE THRU STOCKING DISTRIBUTION

2 COIL MOTOR REVERSING CONTACTOR 1.5-7.5HP, 6 POLE

GENERAL SPECIFICATIONS (@ 25 ° C)

COIL	
Pull-in Voltage:	AC: 85%, DC: 80% of nominal voltage measured at 25 ⁰ C
Dropout Voltage:	10% of nominal voltage or more @ 25 ⁰ C
Max. allowed voltage:	110% of nominal voltage
Coil Resistance:	±10% Measured @ 25 ⁰ C
CONTACTS	
Contact Material:	Silver Alloy
TIMING	
Operate Time:	60 mS Max. @ Nominal Voltage.
Release Time:	30 mS Max. @ Nominal Voltage.
DIELECTRIC STRENGTH	
All Mutually Insulated Points:	2500 V rms between all mutually Insulated current carrying parts and those parts to ground.
Insulation Resistance:	1000 Megohms minimum @ 500 VDC
TEMPERATURE	
Temperature Rating:	-40 ⁰ C to +50 ⁰ C@ rated operation.
LIFE EXPECTANCY	
Mechanical:	5 Million Operations no load
Electrical:	100,000 Operations @ Rated Load. 250,000 Operations @ 1/2 rated load.
MISCELLANEOUS	
Weight:	1.5 pounds, approx..

AC COIL SPECIFICATIONS @ 25⁰C (22VA)

Nominal Voltage	Resistance Ohms ± 10%	Nominal Current
12	1.00	1.833 AMP
24	5.30	0.917 AMP
*120	92.0	0.183 AMP
240	420	0.920 AMP
440	2100	0.050 AMP
550	3100	0.040 AMP

* AC coil is 120, 50-60HZ

CONTACT RATINGS

LOAD	VOLTAGE (60HZ)	PHASE	MOTOR LOADS (HP)	RESISTIVE LOAD (AMPS)
3PST-DM-NO (per pole)	120	1	1-1/2	30
	208/240	1	3	30
	208/240	2 - 3	5	30
	480/600	2 - 3	7-1/2	15

DC CONTACTS

LOAD	VOLTAGE (DC)	RESISTIVE LOAD (AMPS)
3PST-DM-NO (per pole)	115	15
	230	2

DC COIL SPECIFICATIONS @ 25⁰C (10 WATT)

Nominal Voltage	Resistance Ohms ± 10%	Nominal Current
12	16.5	0.727
24	58.2	0.412
**120	1,450	0.083
240	4,200	0.055

** DC coil is 110-125 VDC

AUXILIARY CONTACTS

LOAD	VOLTAGE (AC)	RESISTIVE LOAD (AMPS)
1 FORM "A"	120	5
"B" OR "C"	240	5