

30C60

definite purpose contactor



- 30C 60FLA Definite Purpose Contactor
- Robust 2 & 3 Pole Contactor
- Arc Covers as standard
- Industry Standard Mounting
- RoHS Compliant.
- UL File No: E61703



Contact Data

Table 1

Arrangements: 2 Form X (2PST-NO-DM)
 3 Form X (3PST-NO-DM)

Material: AgCdO, AgSnOInO

Model No	Full Load Amps (FLA)	Poles	Line Voltage (VAC)	Locked Rotor Amps (LRA)	Resistive Amps	Max. HP		
						Voltage	1 Phase	3 Phase
30C60-1022	60	2	120	300	75	120	5	-
			240/277	300		240	10	25
			480	250		480	7.5	30
			600	240		600	-	30
30C60-1023	60	3	120	300	75	120	5	-
			240/277	300		240	10	25
			480	250		480	7.5	30
			600	200		600	-	30

FLA rating tested for 6000 cycles of endurance at 240/480/600VAC per UL508.
 Resistive Heat rating tested for 250,000 cycles at 277VAC.
 LRA rating tested for 6000 cycles of Locked Rotor endurance per UL508.

Coil Data

Table 2

Voltage: 24-277VAC 50/60Hz. See coil data below. (480VAC available but not UL approved)
 Insulation Class: UL Class B (130°C)

Coil Voltage Code	Rated Voltage 50/60Hz	Coil Resistance (Ohms)	Coil Operating Voltage (VAC)			Minimum Inrush		Nominal Coil Power	
			Must Release	Must Operate	Max Voltage	VA @ 50Hz	VA @ 60Hz	VA @ 50Hz	VA @ 60Hz
5024	24	2.4	6	18	30	138	130	18	13
5120	120	45	20	88	132	138	130	18	13
5230	208/240	180	40	177	264	138	130	18	13
5277	277	280	65	220	300	138	130	18	13
5480	480	852	150	384	520	138	130	18	13



30C60

definite purpose contactor



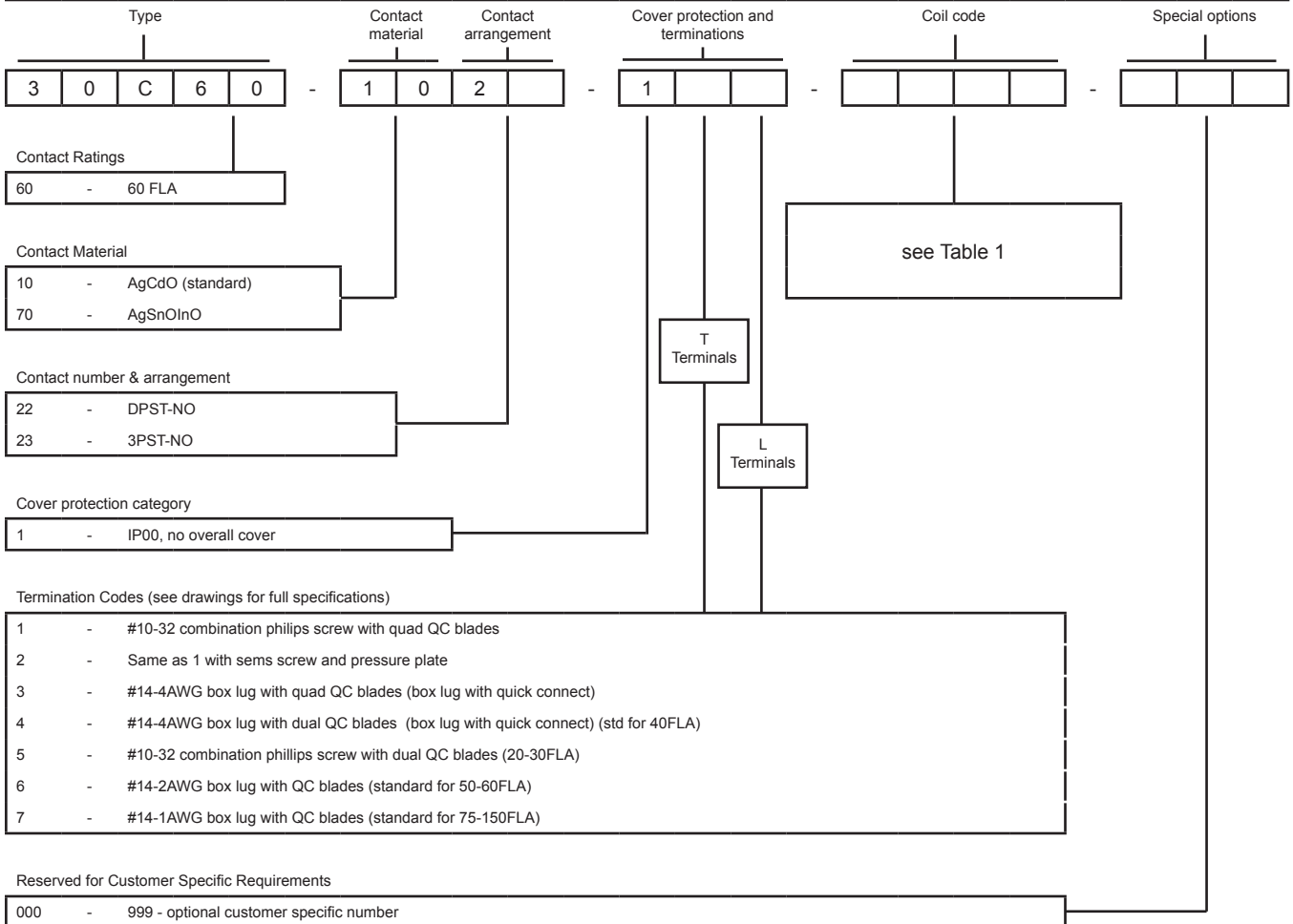
General Specifications

Table 2

Initial Operate Time	mS	30	Terminations		
Release Time	mS	15 (typical)	Coil Terminals		Dual 0.250" QC (#6-32 screw to special option only)
Bounce Time	mS	≤ 10	Power Terminals	screw	#1/4-20 Screw (with or without sems plate)
Arc Cover		Standard		box lug	14-2 AWG
Insulation System		UL Class B 130°C	Recommended Tightening Torque	#1/4-20	40 in.lbf (4.53 Nm)
Initial Dielectric Strength				box lug	50 in.lbf (5.65 Nm)
between contacts and coil	VAC	2200	Wire size	#1/4-20	16-8AWG*
between poles	VAC	2200 (includes shunt)		box lug	14-2AWG
between open contacts	VAC	2200			
Temperature Range	°C	-40 ... +65			
Unit Weight (approx.)	3 pole	22.4 oz			

* Must use ring terminals

Ordering Codes



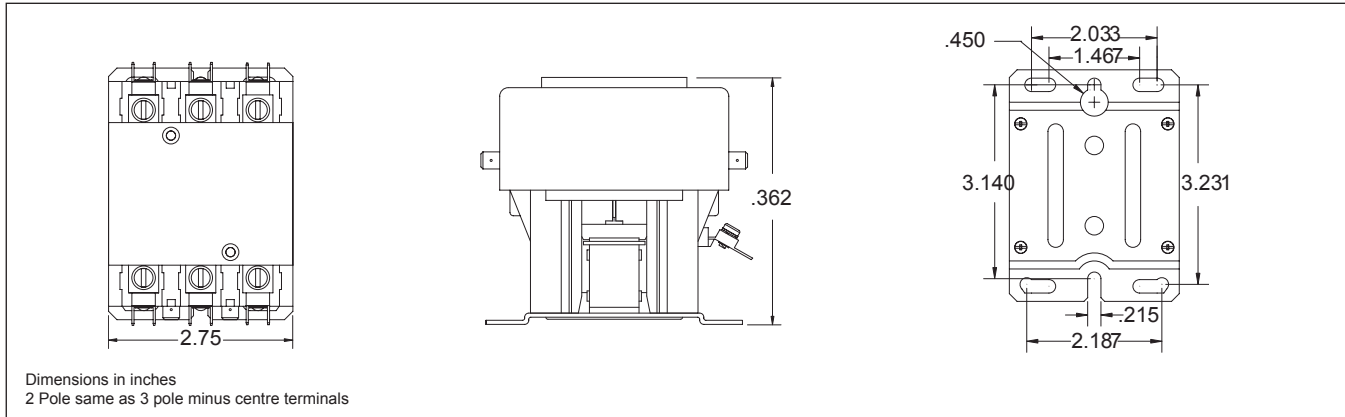
30C60

definite purpose contactor



Overall Dimensions

Fig. 1



Power Terminations		
Termination Codes: 1 & 5 Standard for 20-30FLA only #10-32 combination phillips/slotted and 5/16 hex head screw with #12 washer		Termination Code: 6 Standard for 50 & 60FLA Box Lug 14-2 AWG (Cu/Al)
Termination Code: 2 Optional for 20-40FLA only. #10-32 sems screw with pressure plate		Termination Code: 7 Standard for 75 & 90FLA Box Lug 14-1 AWG (Cu/Al)
Termination Codes: 3 & 4 Standard for 40FLA only Box Lug 14-4 AWG (Cu/Al)		Dimension in inches

