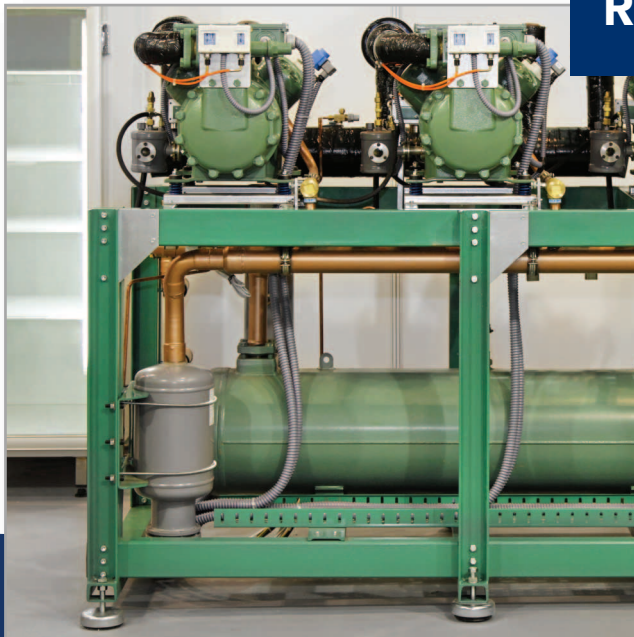


## MARS 910 Definite Purpose Contactors

OEM Grade Product For Refrigeration, HVAC,  
and Other Demanding Applications



**A2L  
Ready**



# The New MARS 910 Definite Purpose Contactor

## Built to OEM Design Standards



### Features

- Robust, long lasting design
- 1,000,000 cycle mechanical life
- cULus approval
- Universal base plate design ensures fit when replacing other contactors (including Furnas)
- Compliant with A2L refrigerants
- Enclosed coil design prevents penetration of dirt and insects
- Heavy duty silver alloy contacts for maximum electrical endurance
- Box lugs

### Three pole contactors feature all of the above, plus

- Removable cover for service
- Removable base permits access to coil
- Full range of auxiliary switches

MARS NO.		FLA	POLES	LOCKED ROTOR AMPS				RES. AMPS	COIL VOLTS	CROSS REFERENCE	
SCREW TYPE	BOX LUG			240	277	480	600			TITAN	EATON
91311	91315	30	1 Pole w/ Shunt	180	180			40	24	TMX130A2	C25CNB130T
91312	91316								120	TMX130B2	C25CNB130A
91313	91317								208/230	TMX130C2	C25CNB130B
91321	91325		2		180	150	120	40	24	TMX230A2	C25*N*230T <sup>1</sup>
91322	91326								120	TMX230B2	C25*N*230A <sup>1</sup>
91323	91327								208/230	TMX230C2	C25*N*230B <sup>1</sup>
91331	91335		3		180	150	120	40	24	TMX330A2	C25DND330T
91332	91336								120	TMX330B2	C25DND330A
91333	91337								208/230	TMX330C2	C25DND330B
	91411	40	1 Pole w/ Shunt	240	240			50	24	TMX140A2	C25CNB140T
	91421								24	TMX240A2	C25*N*240T <sup>1</sup>
	91422		2		240	200	160	50	120	TMX240B2	C25*N*240A <sup>1</sup>
	91423								208/230	TMX240C2	C25*N*240B <sup>1</sup>
	91431		3		240	200	160	50	24	TMX340A2	C25DNF340T
	91432								120	TMX340B2	C25DNF340A
	91433	208/230							TMX340C2	C25DNF340B	
	91531	50	3	300	250	200	63	24	TMX350A2	C25DNJ350T	
	91532							120	TMX350B2	C25DNJ350A	
	91533							208/230	TMX350C2	C25DNJ350B	
	91631	60	3	360	300	240	75	24	TMX360A2	C25FNF360T	
	91632							120	TMX360B2	C25FNF360A	
	91633							208/230	TMX360C2	C25FNF360B	
	91731	75	3	450	375	300	94	24	TMX375A2	C25FNF375T	
	91732							120	TMX375B2	C25FNF375A	
	91733							208/230	TMX375C2	C25FNF375B	

<sup>1</sup> The fourth digit refers to frame size (C = compact and D = standard 2 and 3 pole); The sixth digit refers to the terminal type (B/D = screw type and F = box lugs). Neither of these impact operation, so functionally, any configuration can be replaced by the corresponding MARS 910

COILS		
3 Pole 30-40 Amp	24V	61697
	120V	61698
	208-240V	61699
	277V	61700
	480V	61701
3 Pole 50-60 Amp	24V	61684
	120V	61685
	208-240V	61687
	277V	61690
	480V	61691
3 Pole 75-90 Amp	24V	61692
	120V	61693
	208-240V	61694
	277V	61695
	480V	61696

AUXILIARY AND MICROSWITCHES		
1 NO	Auxiliary Switches	61598
1 NC		61599
1NO + 1 NC		61600
2 NO		61601
2 NC		61602
1 SPDT (right side)	Microswitches	61603
1 SPDT (left side)		61604
2 SPDT		61605

## Key Characteristics

Operating Position		Vertical or Horizontal
Ambient Temperature	Operation	-40°F - +158°F
	Storage	-40°F - +158°F
Approvals		UL (USR/CNR) and CCC Compliant with UL 60947-4-1, IEC 60947-4-1, EN 60947-4-1
Coil Insulation		Class F (155°F)
Mildly Flammable Refrigerants		Flame arrest-protected components for use in HVACR equipment employing A2L refrigerants
Terminal Types		Screw Type: Main Terminal - Slotted and hex head w/ quick connect; Coil Terminals - dual quick connect Box Lug: Main Terminal - Box Lug w/ quick connect; Coil Terminals - dual quick connect
Torque Requirements		Torque For Screws 25 lb-in / Lugs 25 lb-in for 30-40FLA Types Torque For Screws 45 lb-in / Lugs 50 lb-in for 50-60FLA Types Torque For Screws 50 lb-in / Lugs 60 lb-in for 75FLA Types Torque For Screws 8 lb-in for Auxiliary Contact Blocks

## MARS Definite Purpose Contactors

### JARD



#### Aftermarket Grade

Time tested and trusted

### MARS 910



#### OEM Grade

Built to standards required  
by major OEMs

### MARS 780



#### Professional Grade

The best contactor available  
on the market