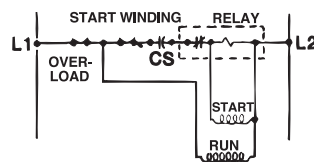


For Submersible Pump Applications

The MARS 550 and 551 relays were specifically developed for submersible pump and other motor starting applications in high moisture environments. Because the control panels for these are often located in areas of high humidity, the components on them must resist the effects of moisture. Chrome plating on the core and armature and the relatively small area of contact eliminates armature sticking due to organic contaminants which was the number one cause of relay failure.

Features:

- Used on F.E. Meyers, Franklin Electric, Jacuzzi, Red Jacket, Sta-Rite, and Tait
- 2 relays replace over 25 O.E.M. relays
- Universal break-off bracket on each relay. Simply snap off parts not needed
- UL and CSA listings available



MARS NO.	MARS MODEL NO.	CONTINUOUS COIL VOLTAGE	PICK-UP		DROP-OUT	
			MIN.	MAX.	MIN.	MAX.
19550	MARS 550	130	111	134	15	40
19551	MARS 551	332	244	270	40	90

MARS NO.	G.E. NO.	USED BY
16104	3ARR3J3G3	Barnes [Burks, Decator] & Myers

MANUF.	OEM NO.	GE CAT. NO.	MARS NO.	MANUF.	OEM NO.	GE CAT. NO.	MARS NO.
F.E. Myers	13178-A	3ARR3D7J4	19550	Jacuzzi	23-1308-26	3ARR3EA9V5	19551
	13179-A	3ARR3D3V4	19551		23-1308-00	3ARR3EA7J5	19550
	13180-A	3ARR3D3A4	19551		23-1308-18	3ARR3EA7BB5	19550
	17891-A	3ARR3EA3A4	19551		23-1308-34	3ARR3EA5U5	19551
	17890-A	3ARR3EA3V4	19551		23-1308-42	3ARR3EA7M5	19550
Franklin Electric	17889-A	3ARR3EA7J4	19550	Red Jacket	23-1308-49	3ARR3EA5C5	19551
	155031-101	3ARR3J7J4	19550		71-69	3ARR3EA7M5	19550
	155031-102	3ARR3J9V4	19551		71-70	3ARR3EA5B5	19551
	155031-104	3ARR3J2P3	19550		71-47	3ARR3J3V2	19551
	155031-103	3ARR3J9U4	19551		Sta-Rite	U18-325	3ARR3J3V3
155031-105	3ARR3J7M1	19550	U18-665	3ARR3J3A3		19551	
Tait				U18-810		3ARR3J2P3	19550
				U18-811		3ARR3J5V3	19551
				A124P2		3ARR3EA5A5	19551
			A124P1	3ARR3EA7K5	19550		

One-On-One™ Direct Replacement Potential Relays

The relays are exact replacements for Bristol & Copeland applications. They conform to specifications and in most cases are the one-on-one™ replacement relay used by the manufacturer

Other relays available on special order. Contact your local wholesaler or MARS Customer Service.



BRISTOL 650058 650855	MARS 16028 16051	COPELAND 040-0001-34 040-0001-35 040-0001-48 040-0001-50 040-0001-53 040-0001-54 040-0001-55	MARS 16099 16090 16093 16085 16095 16089 16023	COPELAND 040-0001-64 040-0001-68 040-0001-71 040-0001-74 040-0001-78 040-0001-79	MARS 16098 16099 16116 16122 16121 16152
BRISTOL 650971	MARS 16083	COPELAND 040-0001-00 040-0001-01 040-0001-04 040-0001-12 040-0001-17 040-0001-19 040-0001-20 040-0001-25 040-0001-26	MARS 16086 16093 16085 16098 16095 16089 16023 16035 16022	COPELAND 040-0001-88 040-0001-89	MARS 16151 16155

Universal Replacement

Quick Reference Relay Selection Chart For General Electric Relays

1. Determine the General Electric model number of the Relay to be replaced the "FORM" and "GROUP"

EXAMPLE:	One number plus		1 or 2 Letters		1 or 2 Letters	
	Basic Type	FORM	GROUP	Non-Positional		
3ARR3*	A	3B	3			

Cross Reference Information

WR/RBM NO.	MARS NO.	WR/RBM NO.	MARS NO.
90-1	19002	90-25	19006
90-2	19009	90-26	19008
90-3	19004	90-27	19005
90-4	19003	90-40	19004
90-5	19006	90-41	19008
90-6	19006	90-63	19002
90-7	19004	90-64	19003
90-8	19003	90-65	19004
90-9	19007	90-66	19005
90-10	19008	90-67	19006
90-11	19003	90-68	19007
90-12	19007	90-69	19001
90-13	19005		
90-14	19003	TECUM. NO.	MARS NO.
90-15	19006	82777	19002
90-16	19007	82778	19004
90-17	19002	82779	19008
90-18	19008	82781	19010
90-19	19006	82783	19003
90-20	19007	82784	19009
90-21	19002	82785	19006
90-22	19003	82787	19007
90-23	19007		
90-24	19008		

2. Locate in the following table the Relay GROUP and select the corresponding MARS Replacement Relay from the kit.

19002	MARS 63 replaces Relay GROUPS 2J; 2K; 2L; 2M; 5N; 7J; 7K; 7L; 7M; 7N; 8L; 8M; 8N
19003	MARS 64 replaces Relay GROUPS 3A; 3B; 3AV; 3AU; 4A; 4B; 6A; 6B; 6AV; 10A; 10B; 10AU; 10AV
19004	MARS 65 replaces Relay GROUPS 3P; 3R; 3AP; 5P; 5R; 5S; 5T; 22S
19005	MARS 66 replaces Relay GROUPS 3U; 3V; 3AT; 6U; 6V; 6W
19006	MARS 67 replaces Relay GROUPS 3C; 3D; 3AA; 4C; 4D; 4BK; 6C; 6D; 6AA; 10C; 10D; 26A; 26B; 26C; 26D
19007	MARS 68 replaces Relay GROUPS 3E; 3F; 3AB; 3AC; 4E; 4F; 4G; 6E; 6F; 6G; 10H; 10AB; 10AC; 26E; 26F; 26G; 26H; 27E; 27F; 27G
19008	MARS 69 replaces Relay GROUPS 3S; 3T; 10S; 10T; 25S; 25T; 10AS
19009	MARS 70 replaces Relay GROUPS 5B; 5C; 5D; 5AA; 8B; 8C; 8D
19010	MARS 71 replaces Relay GROUPS 6TV; 6TW; 10V

3. Install relay in accordance with instructions in MARS Replacement Kit