

GE Potential Relays

MARS SERIES **190**



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	MARS	BRISTOL	MARS	BRISTOL	MARS	COPELAND	MARS	COPELAND	MARS	COPELAND	MARS
650058	16028	650919	16069	650975	16054	040-0001-30	16097	040-0001-64	16098	040-0001-82	16132
650097	16058	650926	16070	650976	16055	040-0001-31	16094	040-0001-66	16103	040-0001-83	16137
650143	16030	650929	16071	650977	16053	040-0001-34	16099	040-0001-67	16120	040-0001-84	16138
650153	16032	650942	16072	650978	16056	040-0001-35	16090	040-0001-65	16153	040-0001-85	16139
650155	16059	650943	16073	650979	16057	040-0001-36	16096	040-0001-66	16103	040-0001-86	16140
650160	16060	650944	16074			040-0001-48	16093	040-0001-67	16120	040-0001-87	16141
650169	16061	650946	16076			040-0001-49	16087	040-0001-68	16099	040-0001-88	16151
650304	16029	650947	16077			040-0001-50	16085	040-0001-69	16088	040-0001-89	16155
650409	16047					040-0001-51	16021	040-0001-70	16125	040-0007-00	16105
650410	16062					040-0001-52	16094				
650512	16048					040-0001-53	16095				
650567	16049					040-0001-54	16089				
650568	16063					040-0001-55	16023				
650569	16050					040-0001-56	16096				
650570	16064					040-0001-57	16097				
650571	16065					040-0001-59	16090				
650855	16051					040-0001-60	16091				
650879	16066					040-0001-61	16086				
650887	16067					040-0001-62	16035				
650889	16068										

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

*Also refers to basic type 3ARR1

Cross Reference Information

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

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