

JARD®

by **MPS**

Section

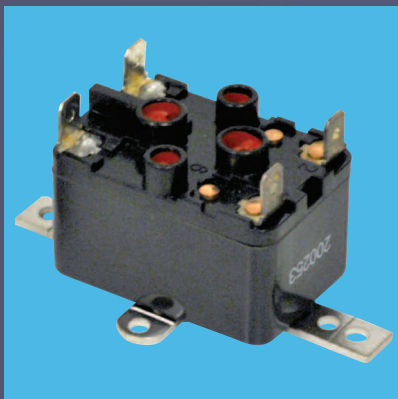
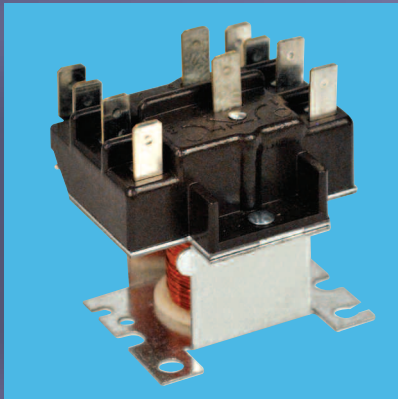
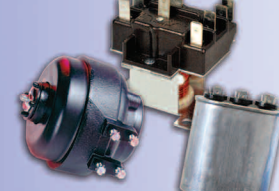


Table Of Contents



JARD
Description

Page

Capacitors

Motor Run J-3 – J-5

Motor Start J-6

Accessories J-7

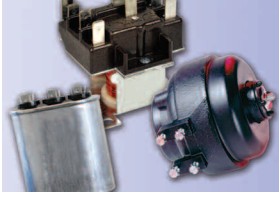
Definite Purpose Contactors J-8

Pressure Switches J-12 – J-13

Switching Relays J-9 – J-11

Unit Bearing Motors J-14

JARD Cross Reference Guide J-15 – J-17



Motor Run Capacitors

MARS SERIES **129**

Single Section Run Capacitors



Features:

- JARD provides a low cost alternative to popular models and the widest selection of ratings in the industry
- Non-PCB capacitors. Physical interrupter makes our capacitors safe
- Perfect for general replacements
- Capacitor accessories – see page J-7
- UL and CSA listings available

Single Section 370 Volt Oval

JARD NO.	MICROFARAD	CASE HEIGHT INCHES	WIDTH INCHES	DEPTH INCHES
12902	2	1.63	2.06	1.21
12903	3	1.63	2.06	1.21
12904	4	1.63	2.06	1.21
12905	5	1.63	2.06	1.21
12906	6	1.63	2.06	1.21
12907	7.5	1.63	2.06	1.21
12908	10	2.00	2.06	1.21
12909	12.5	2.38	2.06	1.21
12910	15	2.63	2.06	1.21
12912	17.5	2.63	2.06	1.21
12914	20	3.00	2.06	1.21
12915	25	3.38	2.06	1.21
12917	30	3.75	2.06	1.21
12918	35	3.75	2.06	1.21
12921	40	2.63	2.81	1.81
12923	45	3.00	2.81	1.81
12925	50	3.00	2.81	1.81
12924	55	3.38	2.81	1.81
12987	60	3.13	2.81	1.81
12988	65	3.75	2.81	1.81
12989	70	3.75	2.81	1.81
12990	80	4.00	2.81	1.81

Single Section 440/370 Volt Oval

JARD NO.	MICROFARAD	CASE HEIGHT INCHES	WIDTH INCHES	DEPTH INCHES
12926	2	1.63	2.06	1.21
12919	2.5	1.63	2.06	1.21
12927	3	1.63	2.06	1.21
12928	4	1.63	2.06	1.21
12929	5	1.63	2.06	1.21
12930	6	1.63	2.06	1.21
12931	7.5	2.00	2.06	1.21
12932	10	2.38	2.06	1.21
12933	12.5	2.75	2.06	1.21
12934	15	3.00	2.06	1.21
12936	17.5	3.75	2.06	1.21
12937	20	4.00	2.06	1.21
12940	25	4.75	2.06	1.21
12941	30	3.00	2.81	1.81
12943	35	3.00	2.81	1.81
12945	40	3.38	2.81	1.81
12948	45	3.75	2.81	1.81
12949	50	3.75	2.81	1.81
12950	55	4.75	2.81	1.81
12951	60	4.75	2.81	1.81
12952	65	4.75	2.81	1.81
12830	70	4.75	2.81	1.81
12831	75	3.75	3.56	1.88
12840	80	3.75	3.56	1.88

Single Section 370 Volt Round

JARD NO.	MICROFARAD	CASE HEIGHT INCHES	DEPTH INCHES
12992	2	2.00	1.75
12993	3	2.00	1.75
12994	4	2.00	1.75
12995	5	2.00	1.75
12996	6	2.00	1.75
12997	7.5	2.00	1.75
12998	10	2.00	1.75
12999	12.5	2.00	1.75
12710	15	2.00	1.75
12911	16	2.00	1.75
12712	17.5	2.00	1.75
12714	20	2.00	1.75
12715	25	2.38	1.75
12717	30	2.63	1.75
12718	35	2.75	1.75
12721	40	3.00	1.75
12723	45	3.38	1.75
12725	50	3.75	1.75
12726	55	3.75	1.75
12727	60	4.00	1.75
12828	65	3.38	2.00
12729	70	3.75	2.00
12899	80	4.00	2.00
12916	100	3.38	2.50

Single Section 440/370 Volt Round

JARD NO.	MICROFARAD	CASE HEIGHT INCHES	DEPTH INCHES
12802	2	2.00	1.75
12803	3	2.00	1.75
12804	4	2.00	1.75
12805	5	2.00	1.75
12806	6	2.00	1.75
12807	7.5	2.00	1.75
12732	10	2.00	1.75
12733	12.5	2.00	1.75
12734	15	2.38	1.75
12736	17.5	2.38	1.75
12737	20	2.63	1.75
12740	25	3.00	1.75
12741	30	3.38	1.75
12743	35	3.75	1.75
12745	40	4.00	1.75
12748	45	3.38	2.00
12751	50	3.75	2.00
12752	55	3.75	2.00
12754	60	4.75	2.00
12657	65	4.75	2.00
12758	70	4.75	2.00
12759	80	3.75	2.50
12868	90	4.00	2.50

*Capacitors may be put in different case sizes occasionally, but will not be larger than those stated.

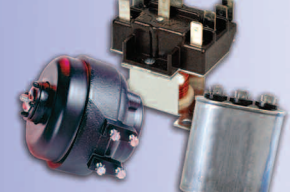
Base Dimensions on page J-5

JARD



Motor Run Capacitors

MARS SERIES **120**



Dual Section Motor Run Capacitors

Dual section run capacitors are used primarily to serve two microfarad applications. They can, however, by making various combinations of parallel connections, be used to obtain many other microfarad ratings.

Features:

- Non-PCB capacitors.
- Physical interrupter makes our capacitors safe
- Perfect for general replacements
- Capacitor accessories – see page J-7
- UL and CSA listings available

Dual Section 370 Volt Oval

JARD NO.	MICROFARAD	CASE HEIGHT INCHES	WIDTH INCHES	DEPTH INCHES
12841	15/3	2.63	2.81	1.81
12956	15/4	2.63	2.81	1.81
12957	15/5	2.63	2.81	1.81
12958	15/10	2.38	2.81	1.81
12959	17.5/4	2.63	2.81	1.81
12960	17.5/5	2.63	2.81	1.81
12961	20/3	2.63	2.81	1.81
12962	20/4	3.13	2.81	1.81
12963	20/5	2.63	2.81	1.81
12864	20/10	2.63	2.81	1.81
12964	20/15	2.63	2.81	1.81
12842	25/3	2.63	2.81	1.81
12965	25/4	2.63	2.81	1.81
12966	25/5	2.63	2.81	1.81
12843	25/7.5	2.63	2.81	1.81
12832	25/8	2.63	2.81	1.81
12867	25/10	2.63	2.81	1.81
12833	25/15	2.63	2.81	1.81
12844	30/3	2.63	2.81	1.81
12845	30/4	2.63	2.81	1.81
12969	30/5	2.63	2.81	1.81
12846	30/7.5	2.63	2.81	1.81
12847	30/10	2.63	2.81	1.81
12848	35/3	2.63	2.81	1.81
12971	35/4	3.00	2.81	1.81
12972	35/5	2.63	2.81	1.81
12849	35/7.5	2.63	2.81	1.81
12850	35/10	2.63	2.81	1.81
12851	40/3	3.00	2.81	1.81
12858	40/4	2.63	2.81	1.81
12871	40/5	3.00	2.81	1.81
12852	40/7.5	2.63	2.81	1.81
12834	40/10	3.00	2.81	1.81
12874	45/5	3.00	2.81	1.81
12853	45/7.5	3.00	2.81	1.81
12836	45/10	3.75	2.81	1.81
12837	45/15	3.75	2.81	1.81
12838	50/5	3.75	2.81	1.81
12854	55/5	3.75	2.81	1.81
12855	55/7.5	3.75	2.81	1.81
12839	60/5	4.75	2.81	1.81
12856	60/7.5	3.75	2.81	1.81
12857	60/10	3.75	2.81	1.81
12859	65/5	4.75	2.81	1.81
12863	80/5	4.75	3.56	1.88
12817	80/7.5	4.75	2.81	1.81

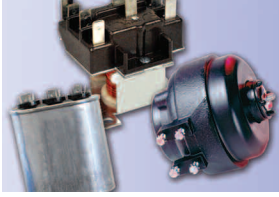
*Capacitors may be put in different case sizes occasionally, but will not be larger than those stated.

Base Dimensions on page J-5

Dual Section 370 Volt Round

JARD NO.	MICROFARAD	CASE HEIGHT INCHES	DEPTH INCHES
12701	15/3	3.13	2.00
12702	15/4	3.13	2.00
12703	15/5	3.13	2.00
12704	15/10	3.13	2.00
12705	17.5/4	3.13	2.00
12706	17.5/5	3.13	2.00
12707	20/4	3.13	2.00
12760	20/5	3.13	2.00
12716	20/7.5	2.63	2.00
12708	20/10	3.13	2.00
12709	20/15	3.13	2.00
12711	25/3	3.13	2.00
12875	25/4	3.13	2.00
12761	25/5	3.63	2.00
12762	25/7.5	3.13	2.00
12713	25/10	3.13	2.00
12720	30/3	3.13	2.00
12763	30/4	3.13	2.00
12764	30/5	3.13	2.00
12724	30/7.5	3.13	2.00
12728	30/10	3.13	2.00
12939	30/15	3.63	2.00
12730	35/3	3.13	2.00
12731	35/4	3.13	2.00
12766	35/5	3.13	2.00
12735	35/7.5	2.63	2.00
12738	35/10	3.13	2.00
12739	40/3	3.13	2.00
12767	40/4	3.13	2.00
12878	40/5	3.13	2.00
12768	40/7.5	3.13	2.00
12746	40/10	3.13	2.00
12747	45/3	3.13	2.00
12947	45/4	3.13	2.00
12769	45/5	3.13	2.00
12749	45/7.5	3.13	2.00
12750	45/10	3.13	2.00
12753	50/3	3.13	2.00
12755	50/5	3.13	2.00
12825	50/7.5	3.88	2.00
12757	50/10	3.88	2.00
12893	55/5	3.88	2.00
12894	55/7.5	3.88	2.00
12967	55/10	3.88	2.00
12976	60/3	3.88	2.00
12895	60/5	3.88	2.00
12896	60/7.5	3.88	2.00
12865	60/10	3.88	2.00
12742	65/5	3.88	2.00
12953	70/5	4.75	2.00
12954	70/7.5	4.75	2.00
12955	70/10	4.75	2.00
12744	75/5	4.75	2.00
12946	75/7.5	4.75	2.00
12984	75/10	4.75	2.00
12897	80/5	4.75	2.00
12819	80/7.5	4.75	2.00
12824	80/10	4.75	2.00
12722	80/12.5	4.75	2.00
12829	85/5	4.75	2.00
12756	85/7.5	4.75	2.00
12922	85/10	4.75	2.00

JARD

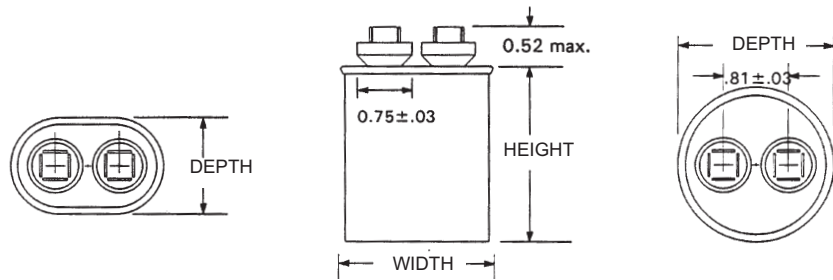


Capacitor Base Dimensions

Capacitor accessories – see page J-7



12780



Dual Section 440/370 Volt Oval

JARD NO.	MICROFARAD	CASE HEIGHT INCHES	WIDTH INCHES	DEPTH INCHES
12765	10/5	2.63	2.81	1.81
12770	15/4	2.63	2.81	1.81
12771	15/5	2.63	2.81	1.81
12777	15/10	2.63	2.81	1.81
12880	20/5	2.63	2.81	1.81
12983	20/15	3.00	3.56	1.88
12884	25/5	2.63	2.81	1.81
12882	25/7.5	3.00	2.81	1.81
12883	25/10	3.00	2.81	1.81
12886	25/15	3.75	2.81	1.81
12881	30/4	3.75	2.81	1.81
12887	30/5	3.00	2.81	1.81
12982	30/7.5	3.75	2.81	1.81
12835	30/10	3.75	2.81	1.81
12985	35/3	3.00	2.81	1.81
12879	35/4	3.75	2.81	1.81
12885	35/5	3.75	2.81	1.81
12888	35/7.5	3.00	2.81	1.81
12876	35/8.5	3.00	2.81	1.81
12772	35/10	3.75	2.81	1.81
12877	40/3	3.75	2.81	1.81
12986	40/5	3.75	2.81	1.81
12889	40/7.5	3.75	2.81	1.81
12773	40/10	3.75	2.81	1.81
12890	45/5	4.75	2.81	1.81
12774	45/7.5	4.75	2.81	1.81
12808	50/5	4.75	2.81	1.81
12913	50/7.5	4.75	2.81	1.81
12775	55/5	4.75	2.81	1.81
12822	55/10	4.75	2.81	1.81
12809	60/5	4.75	2.81	1.81
12776	60/7.5	4.75	2.81	1.81
12810	65/10	4.75	3.56	1.88
12815	80/5	4.75	3.56	1.88
12898	80/7.5	4.75	3.56	1.88

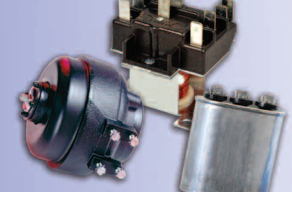
*Capacitors may be put in different case sizes occasionally, but will not be larger than those stated.

Dual Section 440/370 Volt Round

JARD NO.	MICROFARAD	CASE HEIGHT INCHES	DEPTH INCHES
12811	10/5	3.13	2.00
12818	15/5	3.13	2.00
12656	15/10	3.63	2.00
12650	17.5/5	3.63	2.00
12780	20/5	3.63	2.00
12654	20/7.5	3.63	2.00
12651	20/10	3.13	2.00
12812	20/15	3.13	2.00
12653	25/3	3.13	2.00
12655	25/4	3.13	2.00
12778	25/5	3.63	2.00
12779	25/7.5	3.13	2.00
12813	25/10	3.13	2.00
12814	25/15	3.13	2.00
12826	30/3	3.13	2.00
12820	30/4	3.13	2.00
12781	30/5	3.13	2.00
12782	30/7.5	3.13	2.00
12652	30/10	3.88	2.00
12977	35/3	3.88	2.00
12870	35/4	3.88	2.00
12783	35/5	3.13	2.00
12719	35/6	3.88	2.00
12784	35/7.5	3.88	2.00
12797	35/10	3.88	2.00
12978	40/3	3.88	2.00
12785	40/4	3.88	2.00
12786	40/5	3.88	2.00
12920	40/6	3.88	0.00
12787	40/7.5	3.88	2.00
12798	40/10	3.88	2.00
12979	45/3	3.88	2.00
12891	45/4	3.88	2.00
12788	45/5	3.88	2.00
12827	45/6	3.88	2.00
12789	45/7.5	3.88	2.00
12872	45/10	3.88	2.00
12790	50/5	3.88	2.00
12791	50/7.5	4.75	2.00
12892	50/10	4.75	2.00
12719	50/12.5	3.88	2.00
12792	55/5	4.75	2.00
12793	55/7.5	4.75	2.00
12799	55/10	4.75	2.00
12860	60/3	4.75	2.00
12794	60/5	4.75	2.00
12795	60/7.5	4.75	2.00
12796	60/10	4.75	2.00
12861	60/12.5	4.75	2.00
12642	65/5	4.75	2.00
12659	65/7.5	4.75	2.00
12862	65/10	3.88	2.50
12823	70/5	3.88	2.50
12866	70/7.5	3.88	2.50
12869	70/10	3.88	2.50
12968	75/5	3.88	2.50
12901	75/7.5	3.88	2.50
12935	75/10	3.88	2.50
12801	80/5	3.88	2.50
12816	80/7.5	3.88	2.50
12821	80/10	3.88	2.50
12938	85/5	4.75	2.50
12942	85/7.5	4.75	2.50
12944	85/10	4.75	2.50

Motor Start Capacitors

MARS SERIES **119**



11908



JARD Motor Start Capacitors provide a low cost alternative to popular models available. MARS offers the largest assortment of capacitor ratings in the industry.

These electrolytic capacitors feature a hermetically sealed black bakelite case which permanently protects the capacitor from oil, dirt, grease or moisture.

Capacitor accessories – see page J-7

110/125 Dual Voltage AC

JARD NO.	MICROFARAD	CASE SIZE
11902	21-25	1
11903	25-30	1
11904	30-36	1
11905	36-43	1
11906	43-56	1
11907	56-67	1
11908	72-88	1
11909	88-108	1
11910	108-130	1
11912	124-156	1
11911	130-156	1
11913	145-175	1
11914	161-193	1
11915	189-227	1
11916	200-240	1
11917	216-259	1
11918	233-292	1
11919	270-324	1
11920	300-360	1
11921	324-388	2
11922	340-408	2
11923	378-440	2
11924	400-480	4
11971	430-516	4
11925	460-552	4
11926	540-648	4
11927	590-708	4
11947	645-774	4
11928	708-850	4
11972	815-970	5
11929	829-995	5
11973	850-1020	5
11930	1000-1200	5
11974	1290-1548	5

165 Volts AC

JARD NO.	MICROFARAD	CASE SIZE
11975	72-88	1
11976	88-108	1
11977	108-130	1
11931	124-149	1
11932	145-175	1
11933	161-193	1
11934	189-227	1
11978	216-259	2
11935	233-292	2
11936	270-324	2
11979	340-408	4
11980	378-455	4
11994	400-480	4
11981	540-648	4
11982	710-850	5
11983	810-972	5

220/250 Dual Voltage AC

JARD NO.	MICROFARAD	CASE SIZE
11938	21-25	1
11939	25-30	1
11940	30-36	1
11941	36-43	1
11942	43-56	1
11943	56-72	1
11984	59-71	1
11937	64-77	1
11944	72-88	1
11945	88-108	2
11946	108-130	4
11948	124-156	4
11949	145-175	4
11950	161-193	5
11951	189-227	5
11952	216-259	5
11953	233-292	5
11954	270-324	5
11985	280-336	4
11986	320-384	4
11987	340-408	4
11988	378-455	5
11989	400-480	5
11990	430-516	5
11991	630-750	8

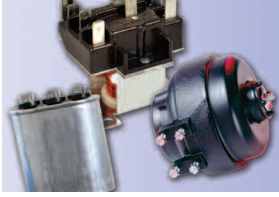
330 Volts AC

JARD NO.	MICROFARAD	CASE SIZE
11955	21-25	1
11956	25-30	1
11957	30-36	1
11958	36-43	1
11959	43-56	4
11995	56-72	2
11960	64-77	4
11961	72-88	4
11962	88-108	4
11963	108-130	4
11964	130-156	5
11965	124-156	5
11992	135-162	5
11966	145-175	5
11967	161-193	5
11968	189-227	5
11969	216-259	7
11970	270-324	7
11993	300-360	8

CASE DIMENSIONS*

CASE SIZE	DIAMETER IN INCHES	LENGTH INCHES
1	1.44	2.75
2	1.44	3.38
4	1.81	3.38
5	1.81	4.38
6	2.06	3.38
7	2.06	4.38
8	2.56	4.38

*Capacitors may be put in different case sizes occasionally, but will not be larger than those stated.



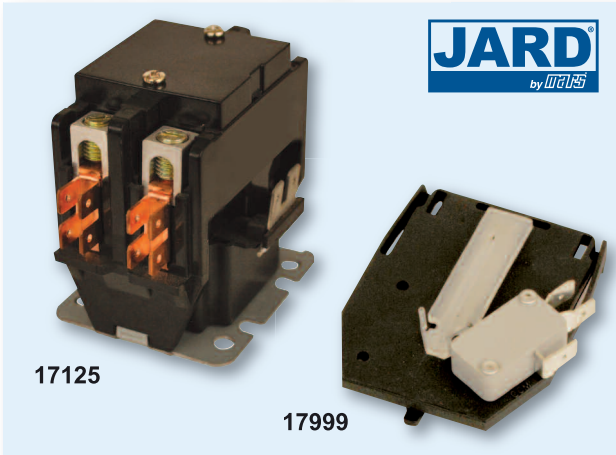
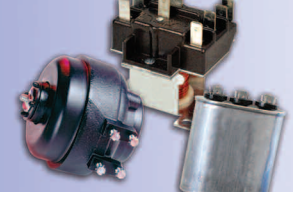
Accessories for Relays and Capacitors

QC-6 Kit		
93001	For conversion of screw-type connections on relays	
Resistor for Start Capacitors		
93007	- 2 watt (15,000 ohm) Resistors	
QC-13 for Start Capacitors		
93106	- 10 pc 2 watt (15,000 ohm) resistors with .25-in female spade connectors	
Snap-on Mounting Brackets for Motor Start Capacitors		
93026 93027 93028	2.75 in 3.38 in 4.38 in	
Protector (boots) for Motor Run Capacitors		
93011	1 Hole Boot	
93012	2 Hole Boot	
93013	3 Hole Boot for Dual Section	

Wrap-Around Brackets for Motor Run Capacitors		
93014	Oval 1.94 x 2.78 for base A	
93015	Oval 1.97 x 2.94 for base C	
93116	Oval 2.25 x 3.66 for base D	
Mounting Brackets for Round Capacitors		
93031 93032 93033	- For 1.63 in and 1.75 in diam - For 2.0 in diam - For 2.50 in diam	
Bakelite End Caps for Motor Start Capacitors		
93018 93019 93020 93021	- BEC-1 1.44 in - BEC-2 1.81 in - BEC-3 2.06 in - BEC-4 2.56 in	
93022 93023 93024 93025	For mounting OFF MOTOR. Leads on top side. - BEC-1 1.44 in - BEC-2 1.81 in - BEC-3 2.06 in - BEC-4 2.56 in	

Definite Purpose Contactors

MARS SERIES **173**



Definite Purpose Contactors

“A Low Cost Alternative By The Name You Trust”

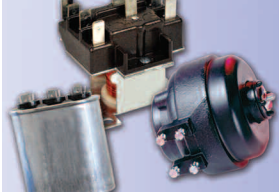
JARD Definite Purpose Contactors are designed for use on refrigeration, air conditioning, and electric heating systems. The universal mounting base allows replacement of most contactor brands. Power connections can be made with either screws & quick connects or lugs & quick connects depending on the style.

Features:

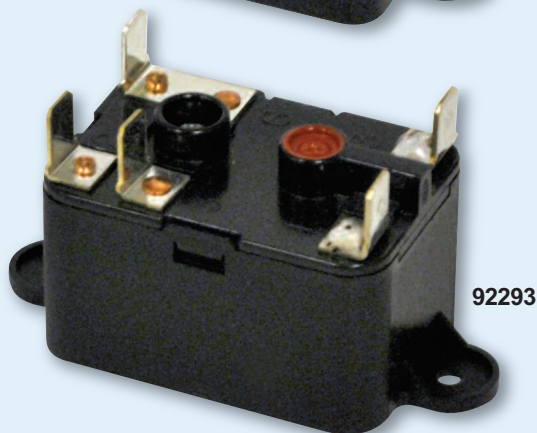
- 2 styles: screw terminals with quick connects or lug terminals with quick connects
- UL (both styles)
- CSA (screw terminal style)
- CUL (lug terminal style)

JARD W/LUGS	JARD W/SCREWS	FULL LOAD AMPS	RESISTIVE AMPS	COIL VOLTAGE	POLES
17125	17121	20	30	24	2
17126	17122	20	30	120	2
17127	17123	20	30	240	2
17215	—	25	35	24	1-1/2
17216	—	25	35	120	1-1/2
17217	—	25	35	240	1-1/2
17225	17221	25	35	24	2
17226	17222	25	35	120	2
17227	17223	25	35	240	2
17315	17311	30	40	24	1-1/2
17316	17312	30	40	120	1-1/2
17317	17313	30	40	240	1-1/2
17325	17321	30	40	24	2
17326	17322	30	40	120	2
17327	17323	30	40	240	2
17335	17331	30	40	24	3
17336	17332	30	40	120	3
17337	17333	30	40	240	3
17415	—	40	50	24	1-1/2
17416	—	40	50	120	1-1/2
17417	—	40	50	240	1-1/2
17425	—	40	50	24	2
17426	—	40	50	120	2
17427	—	40	50	240	2
17435	—	40	50	24	3
17436	—	40	50	120	3
17437	—	40	50	240	3
17535	—	50	65	24	3
17536	—	50	65	120	3
17537	—	50	65	240	3
17635	—	60	75	24	3
17636	—	60	75	120	3
17637	—	60	75	240	3
17735	—	75	90	24	3
17736	—	75	90	120	3
17737	—	75	90	240	3
17935	—	90	120	24	3
17936	—	90	120	120	3
17937	—	90	120	240	3
17997	Auxiliary Contact- Fits 75 & 90A 3P models				
17998	Auxiliary Contact- Fits 50 & 60A 3P models				
17999	Auxiliary Contact- Fits 40A 3P models				

JARD



92290



92293

General Purpose Switching Relays

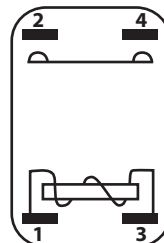
JARD SPST and SPDT Fan Relays are among the most popular electromechanical relays used in air conditioning, heating and refrigeration today.

Features:

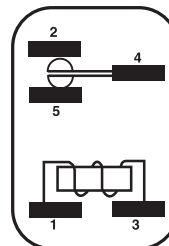
- 16 Amp switching
- 55 Amp inrush current
- Quick-connect terminals
- Universal mounting bracket
- UL and CUR

switch diagrams:

92290
92291
92292



92293
92294
92295

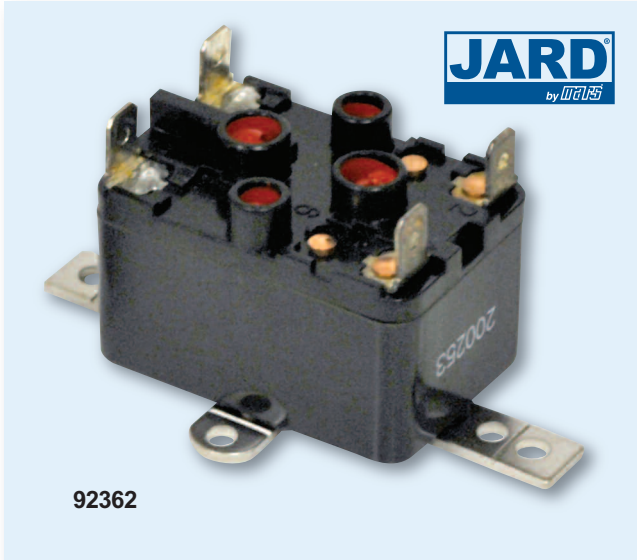
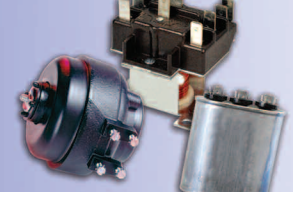


JARD NO.	NORMALLY OPEN COIL VOLTAGE	CONTACT RATING 125/250 VAC	REPLACES ESSEX/RBM NO.
		INDUCTIVE RESISTIVE	
SPST			
92290	24	8 amps	90-290, 90-290Q
92291	110-120	continuous	90-291, 90-291Q
92292	208/240	25 amps inrush	90-292, 90-292Q
SPDT			
92293	24	8 amps	90-293, 90-293Q
92294	110-120	continuous	90-294, 90-294Q
92295	208/240	25 amps inrush	90-295, 90-295Q

JARD

Switching Relays

MARS SERIES **902**



Heavy Duty Fan Switching Relays

JARD Heavy Duty Fan Relays are used on heating and air conditioning equipment to provide switching of heavier loads with a compact size relay.

Features:

- 25 Amp switching
- Universal mounting bracket
- Quick-connect terminals
- UL and CUR

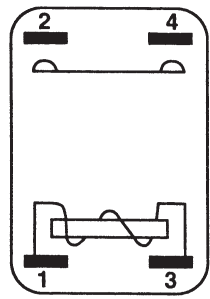
Model Identification

COIL VOLTAGE	JARD NO. SPST-NO.	JARD NO. NO. SPDT	JARD NO. SPNO-SPNC
24	92360	92370	92380
110/120	92362	92372	92382
208/240	92364	92374	92384

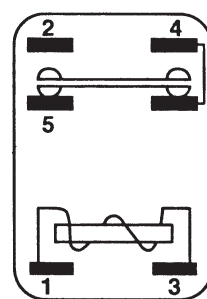
Contact Rating

VOLTAGE	FULL LOAD	LOCKED ROTOR	RESISTIVE
120	12	60	18
240	8	48	18
277	7	42	18

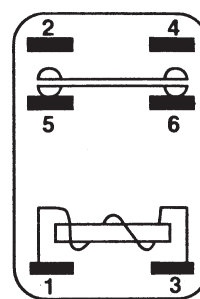
Terminal Identification



SPST-NO



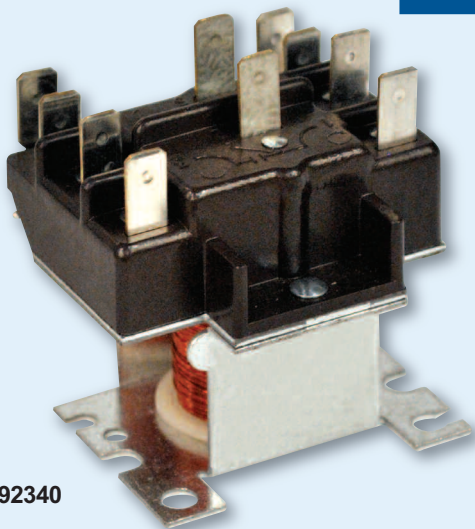
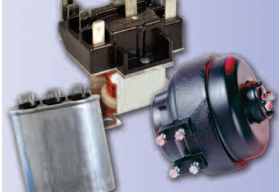
SPDT



SPNO-SPNC

Cross Reference:

ESSEX/RBM	JARD NO.	ESSEX/RBM	JARD NO.
90-360Q	92360	90-374Q	92374
90-362Q	92362	90-380Q	92380
90-364Q	92364	90-382Q	92382
90-370Q	92370	90-384Q	92384
90-372Q	92372		



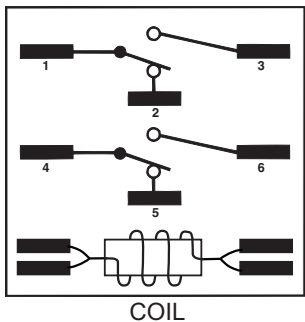
92340

2PDT HVAC Relays

JARD 2PDT relays are primarily used for various applications in heating, air conditioning and refrigeration. They are also suitable for general purpose switching applications in appliances, vending machines, fan controls, and business machines provided the device being controlled is within the electrical limits of the relay.

Features:

- Replaces Honeywell, White-Rodgers/RBM
- 2.13 x 1.88 x 2.25 inches
- Quick-connect terminals
- Base designed for easy replacement of competitive relays
- Molded terminal numbers and circuit diagram on top of relay
- UL and CUR



COIL

Terminals 1 & 2, 4 & 5 are normally closed
 Terminals 1 & 3, 4 & 6 are normally open

Contact Rating

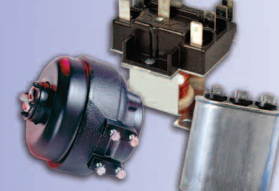
	POWER		PILOT	
	208/240V		208/240V	
	120V	277V	120V	277V
Full load Amps	12	6	-	-
Resistive	15	15	3	3
Locked Rotor Amps	60	35	-	-
Horsepower	3/4	3/4	1/10	1/10

JARD NO.	COIL VOLTAGE	TERMINALS 1-2-3	TERMINALS 4-5-6	CROSS REFERENCE ESSEX / RBM	HONEYWELL
92340	24			90-340	R8222D1014
92341	110/120	Power	Power	90-341	R4222D1013
92342	208/240			90-342	R4222N1021

JARD

JARD Pressure Switches

MARS SERIES **339**



Fixed Setting Pressure Controls High Pressure Cut-Outs

JARD offers the most complete line of high pressure cut-outs available.

Features:

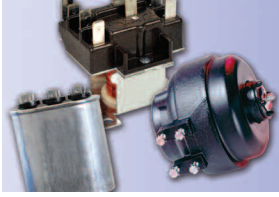
- Tamper proof construction
- Direct mounting on tubing

Specifications:

- Contacts rated at 6 amps, 24-240 volts
- 1/4" female flare S.A.E. mounting
- 18" leads
- UL & CSA recognized

High Pressure Cut-Outs, Open on Pressure Rise, Automatic Reset, Normally Closed

JARD NO.	FORMER MARS2 NO.	DESCRIPTION	OPENING PRESSURE	RESET PRESSURE	MOUNTING
43922	33954	200/150 HP Open on rise	250	150	1/4" Female Flare Fitting S.A.E. Mounting
43924	33910	275/195 HP Open on rise	275	195	1/4" Female Flare Fitting S.A.E. Mounting
43925	33955	300/200 HP Open on rise	300	200	1/4" Female Flare Fitting S.A.E. Mounting
43926	33913	325/225 HP Open on rise	325	225	1/4" Female Flare Fitting S.A.E. Mounting
43920	33916	350/245 HP Open on rise	350	245	1/4" Female Flare Fitting S.A.E. Mounting
43927	33956	350/250 HP Open on rise	350	250	1/4" Female Flare Fitting S.A.E. Mounting
43928	33919	375/275 HP Open on rise	375	275	1/4" Female Flare Fitting S.A.E. Mounting
43929	33957	400/200 HP Open on rise	400	200	1/4" Female Flare Fitting S.A.E. Mounting
43930	33922	400/280 HP Open on rise	400	280	1/4" Female Flare Fitting S.A.E. Mounting
43931	33958	400/300 HP Open on rise	400	300	1/4" Female Flare Fitting S.A.E. Mounting
43911		410/290 HP Open on rise	410	290	1/4" Female Flare Fitting S.A.E. Mounting
43932	33925	425/300 HP Open on rise	425	300	1/4" Female Flare Fitting S.A.E. Mounting
43933		425/325 HP Open on rise	425	325	1/4" Female Flare Fitting S.A.E. Mounting
43934	33959	450/250 HP Open on rise	450	250	1/4" Female Flare Fitting S.A.E. Mounting
43965		590/418 HP Open on rise	590	418	1/4" Female Flare Fitting S.A.E. Mounting
43935		600/475 HP Open on rise	600	475	1/4" Female Flare Fitting S.A.E. Mounting
43939		630/480 HP Open on rise	630	480	1/4" Female Flare Fitting S.A.E. Mounting



JARD Pressure Switches

MARS SERIES **339**



Low Pressure Controls

Features:

- Tamper proof construction
- Direct mounting on tubing

Specifications:

- Contacts rated at 6 amps, 24-240 volts
- 1/4" female flare S.A.E. mounting
- 18" leads
- UL & CSA recognized

Low Pressure Controls, Open on Pressure Fall, Automatic Reset, Normally Open

JARD NO.	FORMER MARS2 NO.	DESCRIPTION	OPENING PRESSURE	RESET PRESSURE	MOUNTING
43941	33929	5/20 LP Open on fall	5	20	1/4" Female Flare Fitting S.A.E. Mounting
43942	33930	5/30 LP Open on fall	5	30	1/4" Female Flare Fitting S.A.E. Mounting
43943		10/25 LP Open on fall	10	25	1/4" Female Flare Fitting S.A.E. Mounting
43944	33933	15/35 LP Open on fall	15	35	1/4" Female Flare Fitting S.A.E. Mounting
43945		20/45 LP Open on fall	20	45	1/4" Female Flare Fitting S.A.E. Mounting
43946	33962	25/50 LP Open on fall	25	50	1/4" Female Flare Fitting S.A.E. Mounting
43947	33936	25/65 LP Open on fall	25	65	1/4" Female Flare Fitting S.A.E. Mounting
43948	33963	25/80 LP Open on fall	25	80	1/4" Female Flare Fitting S.A.E. Mounting
43949		35/60 LP Open on fall	35	60	1/4" Female Flare Fitting S.A.E. Mounting
43950	33964	40/80 LP Open on fall	40	80	1/4" Female Flare Fitting S.A.E. Mounting
43951		45/60 LP Open on fall	45	60	1/4" Female Flare Fitting S.A.E. Mounting
43952	33939	50/90 LP Open on fall	50	90	1/4" Female Flare Fitting S.A.E. Mounting
43953		75/100 LP Open on fall	75	100	1/4" Female Flare Fitting S.A.E. Mounting
43975		90/120 LP Open on fall	90	120	1/4" Female Flare Fitting S.A.E. Mounting
43954		150/225 LP Open on fall	150	225	1/4" Female Flare Fitting S.A.E. Mounting
43955		170/225 LP Open on fall	170	225	1/4" Female Flare Fitting S.A.E. Mounting



Condenser Fan Cycling Switch

Manual Reset high pressure controls

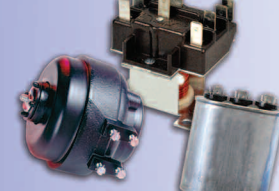
Specifications:

- UL & CSA recognized

JARD NO.	FORMER MARS2 NO.	DESCRIPTION	OPENING PRESSURE	RESET PRESSURE	MOUNTING	SWITCH ACTION (OPEN ON PRESSURE)
43901		75/100 FC Close on rise	75	100	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43902		110/170 FC Close on rise	110	170	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43903	33940	125/265 FC Close on rise	125	265	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43904		150/225 FC Close on rise	150	225	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43970		180/240 FC Close on rise	180	240	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43905		19/275 FC Close on rise	190	275	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43906	33941	210/275 FC Close on rise	210	275	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43907		300/400 FC Close on rise	300	400	1/4" Female Flare Fitting S.A.E. Mounting	Fall
43912		375/Man. Open on rise	375	Manual	1/4" Female Flare Fitting S.A.E. Mounting	Rise
43913	33965	410/Man. Open on rise	410	Manual	1/4" Female Flare Fitting S.A.E. Mounting	Rise
43916		475/Man. Open on rise	475	Manual	1/4" Female Flare Fitting S.A.E. Mounting	Rise

Unit Bearing Motors

MARS SERIES **150**



Unit Bearing Motors

JARD Unit Bearing Cast Iron Motors are used on refrigerators, freezers, food & beverage coolers, vending machines, display cases, and many other fan duty applications.

Features:

- Cast iron construction
- Universal mount
- Mounting screws included
- Individually boxed
- UL recognized

JARD

JARD NO.	WATTS	VOLTAGE	ROTATION	AMPS	LEAD LENGTH
15109	2	115	CW	0.28	24"
15211	4	115	CW	0.33	24"
15212	4	115	CCW	0.33	24"
15221	4	230	CW	0.19	24"
15222	4	230	CCW	0.19	24"
15311	6	115	CW	0.46	24"
15312	6	115	CCW	0.46	24"
15119*	9	115	CW	0.62	13"
15411	9	115	CW	0.62	24"
15412	9	115	CCW	0.62	24"
15421	9	230	CW	0.33	24"
15422	9	230	CCW	0.33	24"
15811	16	115	CW	0.95	24"
15812	16	115	CCW	0.95	24"
15821	16	230	CW	0.48	24"
15822	16	230	CCW	0.48	24"

* Note: 13" lead with lyall plug



Cross Reference Guide

JARD to MARS Cross Reference Guide

Start Capacitors

JARD	MARS
11903	11003
11904	11004
11905	11005
11906	11006
11907	11007
11908	11008
11909	11009
11910	11010
11913	11013
11914	11014
11915	11015
11916	11016
11917	11017
11918	11018
11919	11019
11920	11020
11921	11021
11922	11022
11923	11023
11924	11024
11925	11025
11926	11026
11927	11027
11928	11028
11929	11029
11930	11030
11931	11031
11932	11032
11933	11033
11934	11034
11935	11035
11936	11036
11994	11037
11938	11038
11939	11039
11940	11040
11941	11041
11942	11042
11943	11043
11944	11044
11945	11045
11946	11046
11949	11049
11950	11050
11951	11051
11952	11052
11953	11053
11954	11054
11955	11055
11956	11056
11957	11057

Start Capacitors

JARD	MARS
11958	11058
11959	11059
11995	11060
11961	11061
11962	11062

Run Capacitors

JARD	MARS
12902	12002
12903	12003
12904	12004
12905	12005
12906	12006
12907	12007
12908	12008
12909	12009
12910	12010
12912	12012
12914	12014
12915	12015
12917	12017
12918	12018
12921	12021
12923	12023
12925	12025
12924	12024
12987	12087
12988	12011
12989	12089
12990	12090
12841	12141
12956	12056
12957	12057
12958	12058
12959	12059
12960	12060
12961	12061
12962	12062
12963	12063
12864	12064
12964	12164
12842	12142
12965	12065
12966	12066
12843	12143
12832	12131
12867	12167
12833	12133
12844	12144
12845	12145
12969	12069
12846	12146
12847	12147

Run Capacitors

JARD	MARS
12848	12148
12971	12071
12972	12072
12849	12149
12850	12150
12851	12151
12858	12158
12871	12171
12852	12152
12834	12134
12874	12174
12853	12153
12836	12136
12837	12137
12838	12138
12854	12154
12855	12155
12839	12139
12856	12156
12857	12157
12859	12159
12863	12163
12817	12123
12926	12026
12919	12019
12927	12027
12928	12028
12929	12029
12930	12030
12931	12031
12932	12032
12933	12033
12934	12034
12936	12036
12937	12037
12940	12040
12941	12041
12943	12043
12945	12045
12948	12048
12949	12049
12950	12050
12951	12051
12952	12052
12830	12130
12831	12135
12840	12140
12765	12165
12970	12170
12770	12270
12771	12271
12777	12177
12880	12180

Run Capacitors

JARD	MARS
12983	12083
12884	12184
12882	12182
12883	12183
12886	12186
12881	12181
12887	12187
12982	12038
12835	12035
12985	12085
12879	12179
12885	12185
12888	12188
12876	12176
12772	12272
12877	12080
12986	12086
12889	12189
12773	12273
12890	12190
12774	12274
12808	12108
12913	12013
12775	12275
12822	12276
12809	12109
12776	12110
12810	12101
12815	12297
12898	12298
12992	12092
12993	12093
12994	12094
12995	12095
12996	12096
12997	12097
12998	12098
12999	12099
12710	12210
12911	12211
12712	12212
12714	12214
12715	12215
12717	12217
12718	12218
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12726	12226
12727	12227
12828	12128
12729	12229
12899	12199

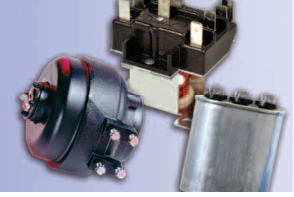
Run Capacitors

JARD	MARS
12916	12116
12701	12121
12702	12122
12703	12203
12704	12204
12705	12205
12706	12206
12707	12207
12760	12260
12716	12016
12708	12208
12709	12209
12711	12242
12875	12175
12761	12261
12762	12262
12713	12213
12720	12244
12763	12263
12764	12264
12724	12224
12728	12228
12939	12039
12730	12082
12731	12231
12766	12266
12735	12235
12738	12238
12739	12074
12767	12267
12878	12178
12768	12268
12746	12246
12747	12073
12947	12247
12769	12269
12749	12249
12750	12250
12753	12075
12755	12191
12825	12192
12757	12239
12893	12193
12894	12194
12967	12067
12976	12076
12895	12195
12896	12196
12865	12265
12742	12042
12953	12053
12954	12054

JARD



Cross Reference Guide



JARD to MARS Cross Reference Guide

Run Capacitors

JARD	MARS
12955	12055
12744	12044
12946	12046
12984	12084
12897	12197
12819	12198
12824	12201
12722	12202
12829	12129
12756	12230
12922	12222
12802	12102
12803	12103
12804	12104
12805	12105
12806	12106
12807	12107
12732	12232
12733	12233
12734	12234
12736	12236
12737	12237
12740	12240
12741	12241
12743	12243
12745	12245
12748	12248
12751	12251
12752	12252
12754	12254
12758	12258
12759	12259
12868	12068
12811	12111
12818	12118
12656	12356
12650	12350
12780	12115
12654	12354
12651	12351
12812	12112
12653	12353
12655	12355
12778	12278
12779	12279
12813	12113
12814	12114
12826	12126
12820	12120
12781	12281
12782	12282
12652	12352

Run Capacitors

JARD	MARS
12977	12077
12870	12070
12783	12283
12719	12119
12784	12284
12797	12091
12978	12078
12785	12285
12786	12286
12920	12220
12787	12287
12798	12088
12979	12079
12891	12219
12788	12288
12827	12127
12789	12289
12872	12172
12790	12290
12791	12291
12892	12124
12719	12253
12792	12292
12793	12293
12799	12299
12860	12160
12794	12294
12795	12295
12796	12296
12861	12161
12862	12162
12823	12255
12866	12166
12869	12169
12968	12168
12901	12125
12935	12047
12801	12257
12816	12216
12821	12117
12938	12022
12942	12020
12944	12001

Contactors

JARD	MARS
17121	
17122	
17123	
17125	
17126	
17127	

Contactors

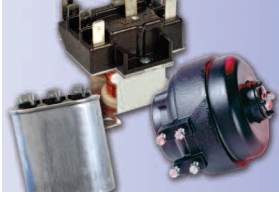
JARD	MARS
17215	
17216	
17217	
17221	
17222	
17223	
17225	
17226	
17227	
17311	91311
17312	91312
17313	91313
17315	91315
17316	91316
17317	91317
17321	91321
17322	91322
17323	91323
17325	91325
17326	91326
17327	91327
17331	91331
17332	91332
17333	91333
17335	91335
17336	91336
17337	91337
17415	91411
17416	
17417	
17425	91421
17426	91422
17427	91423
17435	91431
17436	91432
17437	91433
17535	91531
17536	91532
17537	91533
17635	91631
17636	91632
17637	91633
17735	91731
17736	91732
17737	91733
17935	
17936	
17937	
17997	91999
17998	91998
17999	91997

Pressure Switches

JARD	MARS
43901	43301
43902	43302
43903	43303
43904	43304
43905	43305
43906	43306
43907	43307
43911	43311
43912	43312
43913	43313
43916	43316
43920	43320
43922	43322
43924	43324
43925	43325
43926	43326
43927	43327
43928	43328
43929	43329
43930	43330
43931	43331
43932	43332
43933	43333
43934	43334
43935	43335
43939	43339
43941	43341
43942	43342
43943	43343
43944	43344
43945	43345
43946	43346
43947	43347
43948	43348
43949	43349
43950	43350
43951	43351
43952	43352
43953	43353
43954	43354
43955	43355
43965	43365
43970	43370
43975	43375

Solid State Controls

JARD	MARS
32001	32392
32091	32391



Cross Reference Guide

JARD to MARS Cross Reference Guide

Switching Relays

JARD	MARS
92290	90290
92291	90291
92292	90292
92293	90293
92294	90294
92295	90295
92340	90340
92341	90341
92342	90342
92360	90360
92362	90362
92364	90364
92370	90370
92372	90372
92374	90374
92380	90380
92382	90382
92384	90384

Unit Bearing Motors

JARD	MARS
15109	05109
15119	05119
15211	05211
15212	05212
15221	05221
15222	05222
15311	05311
15312	05312
15411	05411
15412	05412
15421	05421
15422	05422
15811	05811
15812	05812
15821	05821
15822	05822