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NOW AVAILABLE
**780U SERIES UNIVERSAL
IGNITION MODULES**

Robertshaw Launches New 780U Series Universal Ignition Modules for Enhanced Performance and Broad Compatibility

Robertshaw, a leading innovator in industrial control products and systems, announced the release of its new 780U Series Universal Ignition Modules, designed to provide exceptional performance and broad compatibility across various gas appliances.

"We are thrilled to introduce the 780U Series, a versatile line of ignition modules that offer superior functionality and ease of use for technicians and homeowners alike," says Barbara Grzegorzewska, Chief Technology and Product Officer at Robertshaw. "These modules deliver optimal performance for a wide range of gas furnaces, boilers, water heaters, and commercial cooking equipment."

According to Grzegorzewska, a key benefit of the 780U Series is its exceptional versatility.

"Each module features configurable settings for trials, pre-purge, trial for ignition, inter-purge, and restart time, allowing for precise adjustment to ensure optimal operation in any application."

The 780U Series boasts impressive compatibility, replacing over 700 models from leading manufacturers like Honeywell, White-Rodgers, Johnson Controls, and Fenwal. Additionally, all three modules support both natural and LP gas and accommodate single rod (local sense) and two rod (remote sense) flame sensing for comprehensive adaptability.

"Contractors will appreciate the ease of installation and troubleshooting offered by the 780U Series," says Grzegorzewska. "The modules include clear LED indicators that provide real-time status on flame presence, strength, and system operation, simplifying diagnostics."

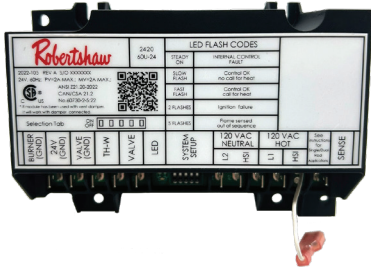


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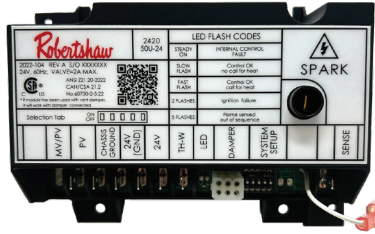
Cross Reference

NEW 780U Series Universal Ignition Modules

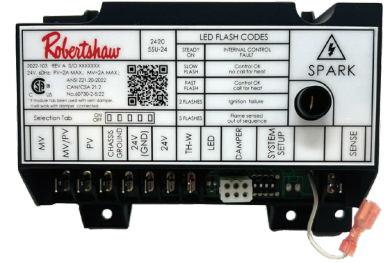
Replacing over 700 popular competitive models



780U-IP10 INTERMITTENT PILOT



780U-DS20 DIRECT SPARK



780U-HS30 HOT SURFACE IGNITION



Scan for instant access to OEM cross-reference details

780U-IP10 Universal Intermittent Pilot Ignition Module

Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-Purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Auto Restart Time (min)	Sense	DIP Switch Selection
IPI-24-00	Camstat	Cont.	0	90	0	5	Remote	12
05-203025-005	Fenwal	Cont.	0	90	0	60	Remote	13
05-203026-005	Fenwal	Cont.	0	90	0	60	Remote	13
35-630501-007	Fenwal	1	0	90	0	60	Remote	4
35-630501-103	Fenwal	1	0	30	0	60	Remote	1
35-630901-017	Fenwal	1	0	90	15	60	Remote	5
35-630906-229	Fenwal	3	30	4	30	60	Remote	10
35-63J101-015	Fenwal	1	0	60	15	60	Remote	3
35-63J103-117	Fenwal	1	15	90	15	60	Remote	7
35-63J900-415 / 35-63J101-415	Fenwal / Blodgett	1	15	60	15	60	Local	6
35-630200-007	Fenwal / Middleby	1	0	90	15	60	Local	5
35-630201-005	Fenwal / Middleby	1	0	60	0	60	Remote	2
S8600A1001	Honeywell	Cont.	0	90	0	5	Remote	12
S8600B1009	Honeywell	Cont.	0	90	0	5	Remote	12
S8600B1025	Honeywell	Cont.	0	15	0	5	Remote	11
S8600B3005	Honeywell	Cont.	0	15	0	5	Remote	11
S8600B3013	Honeywell	Cont.	0	90	0	5	Remote	12
S8600C1015	Honeywell	Cont.	0	90	0	5	Remote	12
S8600C3003	Honeywell	Cont.	0	90	0	5	Remote	12
S8600F1000	Honeywell	Cont.	0	90	0	5	Local	12
S8600F1034	Honeywell	Cont.	0	90	0	5	Local	12
S8600F1042	Honeywell	Cont.	0	90	0	5	Local	12
S8600H1006	Honeywell	Cont.	0	90	0	5	Local	12
S8600H1014	Honeywell	Cont.	0	15	0	5	Local	11
S8600H1022	Honeywell	Cont.	0	90	0	5	Local	12
S8600H1048	Honeywell	Cont.	0	90	0	5	Local	12
S8600H1055	Honeywell	Cont.	0	90	0	5	Local	12
S8600H1063	Honeywell	Cont.	0	15	0	5	Local	11
S8600H1071	Honeywell	Cont.	0	90	0	5	Local	12
S8600H1089	Honeywell	Cont.	0	90	0	5	Local	12
S8600H1097	Honeywell	Cont.	0	90	0	5	Local	12
S8600H1105	Honeywell	Cont.	0	90	0	5	Local	12
S8600H3002	Honeywell	Cont.	0	90	0	5	Local	12
S8600H3010	Honeywell	Cont.	0	15	0	5	Local	11
S8600M1005	Honeywell	Cont.	0	90	0	5	Local	12
S8600M1013	Honeywell	Cont.	0	90	0	5	Local	12
S8600M1021	Honeywell	Cont.	0	90	0	5	Local	12
S8600M2003	Honeywell	Cont.	0	90	0	5	Local	12

780U-IP10 Universal Intermittent Pilot Ignition Module



Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-Purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Auto Restart Time (min)	Sense	DIP Switch Selection
S8600M3001	Honeywell	Cont.	0	90	0	5	Local	12
S8600M4009	Honeywell	Cont.	0	90	0	5	Local	12
S860C1000	Honeywell	Cont.	30	90	0	5	Remote	15
S8610A1009	Honeywell	Cont.	0	90	0	5	Remote	12
S8610B1007	Honeywell	Cont.	0	90	0	5	Remote	12
S8610B1015	Honeywell	Cont.	0	90	0	5	Remote	12
S8610B1023	Honeywell	Cont.	0	15	0	5	Remote	11
S8610B3003	Honeywell	Cont.	0	15	0	5	Remote	11
S8610C1005	Honeywell	Cont.	0	90	0	5	Remote	12
S8610C1013	Honeywell	Cont.	0	90	0	5	Remote	12
S8610C3001	Honeywell	Cont.	0	90	0	5	Remote	12
S8610F1008	Honeywell	Cont.	0	90	0	5	Local	12
S8610F1016	Honeywell	Cont.	0	90	0	5	Local	12
S8610F1024	Honeywell	Cont.	0	90	0	5	Local	12
S8610F1032	Honeywell	Cont.	0	90	0	5	Local	12
S8610H1004	Honeywell	Cont.	0	15	0	5	Local	11
S8610H1012	Honeywell	Cont.	0	90	0	5	Local	12
S8610H1020	Honeywell	Cont.	0	15	0	5	Local	11
S8610H1038	Honeywell	Cont.	0	90	0	5	Local	12
S8610H1046	Honeywell	Cont.	0	90	0	5	Local	12
S8610H1053	Honeywell	Cont.	0	90	0	5	Local	12
S8610H1061	Honeywell	Cont.	0	15	0	5	Local	11
S8610H1079	Honeywell	Cont.	0	90	0	5	Local	12
S8610H1095	Honeywell	Cont.	0	90	0	5	Local	12
S8610H3000	Honeywell	Cont.	0	90	0	5	Local	12
S8610H3018	Honeywell	Cont.	0	15	0	5	Local	11
S8610H3026	Honeywell	Cont.	0	90	0	5	Local	12
S8610M1003	Honeywell	Cont.	0	90	0	5	Local	12
S8610M1011	Honeywell	Cont.	0	15	0	5	Local	11
S8610M1029	Honeywell	Cont.	0	90	0	5	Local	12
S8610M3009	Honeywell	Cont.	0	90	0	5	Local	12
S8610M3017	Honeywell	Cont.	0	15	0	5	Local	11
S8610U1003	Honeywell	Cont.	0	90	0	5	Remote	12
S8610U1011	Honeywell	Cont.	0	90	0	5	Remote	12
S8610U3009	Honeywell	Cont.	0	90	0	5	Remote	12
S8620C1003	Honeywell	Cont.	0	15	0	5	Remote	11
S8620C1011	Honeywell	Cont.	0	15	0	5	Remote	11
S8660D1002	Honeywell	Cont.	30	90	0	5	Remote	15
S8660D1010	Honeywell	Cont.	30	15	0	5	Remote	14
S8660J1008	Honeywell	Cont.	30	90	0	5	Remote	15
S8660J1016	Honeywell	Cont.	30	90	0	5	Remote	15
S8660J1024	Honeywell	Cont.	30	90	0	5	Remote	15
S8660K1006	Honeywell	Cont.	30	90	0	5	Local	15
S8660K1014	Honeywell	Cont.	30	90	0	5	Local	15
S8660K1022	Honeywell	Cont.	30	90	0	5	Local	15
S8670D1000	Honeywell	Cont.	30	90	0	5	Remote	15
S8670D1018	Honeywell	Cont.	30	90	0	5	Remote	15
S8670D1026	Honeywell	Cont.	30	15	0	5	Remote	14
S8670D3006	Honeywell	Cont.	30	15	0	5	Remote	14
S8670D3014	Honeywell	Cont.	30	90	0	5	Remote	15
S8670E1007	Honeywell	Cont.	30	90	0	5	Local	15
S8670E3003	Honeywell	Cont.	30	90	0	5	Local	15
S8670J3002	Honeywell	Cont.	30	15	0	5	Remote	14
S8670J3010	Honeywell	Cont.	30	90	0	5	Remote	15
S8670K3000	Honeywell	Cont.	30	90	0	5	Local	15
S8680J1004	Honeywell	Cont.	30	15	0	5	Remote	14
S86A1001	Honeywell	Cont.	0	90	0	5	Local	12
S86A1019	Honeywell	Cont.	0	90	0	5	Local	12
S86A1027	Honeywell	Cont.	0	90	0	5	Local	12
S86A1035	Honeywell	Cont.	0	90	0	5	Local	12
S86B1009	Honeywell	Cont.	0	90	0	5	Local	12
S86B1017	Honeywell	Cont.	0	90	0	5	Local	12
S86B1025	Honeywell	Cont.	0	90	0	5	Local	12
S86C1007	Honeywell	Cont.	0	90	0	5	Local	12
S86C1015	Honeywell	Cont.	0	90	0	5	Local	12
S86C1023	Honeywell	Cont.	0	15	0	5	Local	11
S86C1031	Honeywell	Cont.	0	90	0	5	Local	12
S86C1049	Honeywell	Cont.	0	90	0	5	Local	12
S86C1056	Honeywell	Cont.	0	90	0	5	Local	12
S86D1005	Honeywell	Cont.	0	90	0	5	Local	12
S86D1013	Honeywell	Cont.	0	15	0	5	Local	11
S86D1021	Honeywell	Cont.	0	90	0	5	Local	12
S86E1002	Honeywell	Cont.	0	90	0	5	Local	12

780U-IP10 Universal Intermittent Pilot Ignition Module



Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-Purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Auto Restart Time (min)	Sense	DIP Switch Selection
S86E1010	Honeywell	Cont.	0	90	0	5	Local	12
S86E1028	Honeywell	Cont.	0	90	0	5	Local	12
S86E1036	Honeywell	Cont.	0	90	0	5	Local	12
S86E1044	Honeywell	Cont.	0	90	0	5	Local	12
S86E1051	Honeywell	Cont.	0	90	0	5	Local	12
S86E1069	Honeywell	Cont.	0	90	0	5	Local	12
S86E1077	Honeywell	Cont.	0	90	0	5	Local	12
S86E1101	Honeywell	Cont.	0	90	0	5	Local	12
S86E1119	Honeywell	Cont.	0	90	0	5	Local	12
S86E1127	Honeywell	Cont.	0	90	0	5	Local	12
S86F1000	Honeywell	Cont.	0	90	0	5	Local	12
S86F1018	Honeywell	Cont.	0	90	0	5	Local	12
S86F1026	Honeywell	Cont.	0	90	0	5	Local	12
S86F1042	Honeywell	Cont.	0	90	0	5	Local	12
S86F1059	Honeywell	Cont.	0	90	0	5	Local	12
S86F1067	Honeywell	Cont.	0	90	0	5	Local	12
S86F1075	Honeywell	Cont.	0	90	0	5	Local	12
S86F1083	Honeywell	Cont.	0	90	0	5	Local	12
S86F1091	Honeywell	Cont.	0	90	0	5	Local	12
S86G1008	Honeywell	Cont.	0	90	0	5	Local	12
S86G1016	Honeywell	Cont.	0	90	0	5	Local	12
S86G1024	Honeywell	Cont.	0	15	0	5	Local	11
S86G1032	Honeywell	Cont.	0	90	0	5	Local	12
S86G1057	Honeywell	Cont.	0	90	0	5	Local	12
S86G1073	Honeywell	Cont.	0	90	0	5	Local	12
S86H1006	Honeywell	Cont.	0	90	0	5	Local	12
S86H1014	Honeywell	Cont.	0	15	0	5	Local	11
S86H1022	Honeywell	Cont.	0	90	0	5	Local	12
S86H1048	Honeywell	Cont.	0	90	0	5	Local	12
S86H1055	Honeywell	Cont.	0	90	0	5	Local	12
S86H1063	Honeywell	Cont.	0	15	0	5	Local	11
S86H1089	Honeywell	Cont.	0	90	0	5	Local	12
S86H1097	Honeywell	Cont.	0	90	0	5	Local	12
S86H1105	Honeywell	Cont.	0	90	0	5	Local	12
S86H1113	Honeywell	Cont.	0	15	0	5	Local	11
S86H1121	Honeywell	Cont.	0	90	0	5	Local	12
S86H1121	Honeywell	Cont.	0	90	0	5	Local	12
S86H1139	Honeywell	Cont.	0	15	0	5	Local	11
S86H1147	Honeywell	Cont.	0	90	0	5	Local	12
S90A1005	Honeywell	Cont.	0	90	0	5	Remote	12
S90B1003	Honeywell	Cont.	0	90	0	5	Remote	12
S90B1011	Honeywell	Cont.	0	90	0	5	Remote	12
CSA35A-617R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA35A-618R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA42A-600R to CSA42A-604R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA43A-600R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA44A-600R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA45A-601R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA45A-602R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA46A-600R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA48A-600R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA49A-600R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA49A-605R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA51A-601R	Johnson Controls	Cont.	0	90	0	5	Local	12
CSA52A-600R	Johnson Controls	Cont.	0	90	0	5	Local	12
G600AX-1 to G600AX-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G600AY-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G600LX-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G600LX-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G600LY-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G600MX-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G600NX-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G600RX-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60AAA-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60AAG-1 to G60AAG-7	Johnson Controls	Cont.	0	90	0	5	Local	12
G60CAA-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60CAA-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G60CAG-1 to G60CAG-9	Johnson Controls	Cont.	0	90	0	5	Local	12
G60CBA-1 to G60CBA-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G60CBG-1 to G60CBG-17	Johnson Controls	Cont.	0	90	0	5	Local	12
G60CCA-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60CCG-1	Johnson Controls	Cont.	0	90	0	5	Local	12

780U-IP10 Universal Intermittent Pilot Ignition Module



Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-Purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Auto Restart Time (min)	Sense	DIP Switch Selection
G60CPG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60DBG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60DCG-1 to G60DCG-4	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PAG-1 to G60PAG-6	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PAJ-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PAK-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PAK-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PFH-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PFH-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PFL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PFQ-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60PVL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QAG-1 to G60QAG-4	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QAK-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QBG-1 to G60QBG-9	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QBH-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QBK-1 to G60QBK-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QBL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QBL-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QCG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QCJ-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QCL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QDG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QFL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QGH-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QHL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QHL-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QJL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QLG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QLK-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QPL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QRH-1 to G60QRH-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QRL-1 to G60QRL-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QSL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QTH-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60QTL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RAG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RAK-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RBG-1 to G60RBG-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RBK-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RBK-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RCG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RCG-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RCJ-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RDG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RDK-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RGL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RHL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RHP-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RPL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60RSL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60TTL-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60ZAG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G60ZAG-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BBG-1 to G65BBG-8	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BBM-1 to G65BBM-4	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BCG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BCM-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BFG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BFM	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BKG-1 to G65BKG-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BKM-1 to G65BKM-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BLG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G65BLG-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DBG	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DBM-1 to G65DBM-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DCM-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DFG	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DFM-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DKG	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DKM	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DKM-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G65DLM-1	Johnson Controls	Cont.	0	90	0	5	Local	12



780U-IP10 Universal Intermittent Pilot Ignition Module

Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-Purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Auto Restart Time (min)	Sense	DIP Switch Selection
G65FBG	Johnson Controls	Cont.	0	90	0	5	Local	12
G65FFG	Johnson Controls	Cont.	0	90	0	5	Local	12
G65FKG	Johnson Controls	Cont.	0	90	0	5	Local	12
G66AG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G66AG-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G66BG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G66MG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G66MG-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G66NG-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G670AW-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G670AW-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G670GA-1	Johnson Controls	Cont.	0	90	0	5	Local	12
G67AG-3	Johnson Controls	Cont.	0	90	0	5	Local	12
G67AG-4	Johnson Controls	Cont.	0	90	0	5	Local	12
G67AG-7 to G67AG-11	Johnson Controls	Cont.	0	90	0	5	Local	12
G67BG-2 to G67BG-5	Johnson Controls	Cont.	0	90	0	5	Local	12
G67MG-1 to G67MG-4	Johnson Controls	Cont.	0	90	0	5	Local	12
G67NG-2	Johnson Controls	Cont.	0	90	0	5	Local	12
G67NG-4	Johnson Controls	Cont.	0	90	0	5	Local	12
G770LGA-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770LGA-2	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770LGC-1 to G770LGC-4	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770LHA-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770LHA-2	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770LHC-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770MGA-1 to G770MGA-3	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770MGC-1 to G770MGC-6	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770MHA-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770MHA-2	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770MHC-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770NGA-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770NGC-4 to G770NGC-7	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770NHA-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770NHC-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770RGA-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770RHA-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
G770RHA-2	Johnson Controls	Cont.	0	90	0	5	Remote	12
Y79ABC-1 to Y79ABC-7	Johnson Controls	Cont.	0	90	0	5	Remote	12
Y79ABCD-2	Johnson Controls	Cont.	0	90	0	5	Remote	12
Y79ABD-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
Y79BBA-1	Johnson Controls	Cont.	0	90	0	5	Remote	12
Y79BBA-2	Johnson Controls	Cont.	0	90	0	5	Remote	12

780U-DS20 Universal Direct Spark Ignition Module



Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Post-purge (sec)	Sense	DIP Switch Selection
517010030011001	Capable Controls	1	30	11	0	0	Local	15
517010030021001	Capable Controls	1	30	21	0	0	Local	16
521010000004001	Capable Controls	1	0	4	0	0	Local	0
521010000006000	Capable Controls	1	0	7	0	0	Remote	1
521010000011001	Capable Controls	1	0	11	0	0	Remote	4
545410000021001	Capable Controls	1	0	21	0	0	Remote	6
545410030004001	Capable Controls	1	30	4	0	0	Remote	12
545410030006001	Capable Controls	1	30	7	0	0	Remote	13
549010000021001	Capable Controls	1	0	21	0	0	Remote	6
549410000004001	Capable Controls	1	0	4	0	0	Remote	0
549410000006001	Capable Controls	1	0	7	0	0	Remote	1
549410000011001	Capable Controls	1	0	11	0	0	Remote	4
05-162425-103	Fenwal	1	15	7	0	0	Local	9
05-162425-200	Fenwal	1	30	4	0	0	Local	12
05-162426-000	Fenwal	1	0	4	0	0	Local	0
05-162426-001	Fenwal	1	0	4	0	0	Local	0
05-162426-002	Fenwal	1	0	4	0	0	Local	0
05-162426-003	Fenwal	1	0	7	0	0	Local	1
05-162426-005	Fenwal	1	0	10	0	0	Local	2
05-162426-006	Fenwal	1	0	11	0	0	Local	4
05-162426-053	Fenwal	1	0	7	0	0	Local	1
05-162426-101	Fenwal	1	15	4	0	0	Local	7
05-162426-105	Fenwal	1	15	10	0	0	Local	11
05-162426-200	Fenwal	1	30	4	0	0	Local	12
05-162426-201	Fenwal	1	30	4	0	0	Local	12
05-162426-203	Fenwal	1	30	7	0	0	Local	13
05-169001-001	Fenwal	1	0	4	0	0	Local	0
05-169001-002	Fenwal	1	0	4	0	0	Local	0
05-169001-003	Fenwal	1	0	7	0	0	Local	1
05-169002-003	Fenwal	1	0	7	0	0	Local	1
05-169003-103	Fenwal	1	15	7	0	0	Local	9
05-169011-201	Fenwal	1	30	4	0	0	Local	12
05-169012-200	Fenwal	1	30	4	0	0	Local	12
05-272426-005	Fenwal	3	15	10	0	0	Remote	22
05-272426-055	Fenwal	1	0	10	0	0	Local	2
05-272426-253	Fenwal	1	30	7	0	0	Local	13
05-279004-223	Fenwal	1	30	7	0	0	Local	13
05-296423-150	Fenwal	1	15	4	0	0	Local	7
05-296423-151	Fenwal	1	15	4	0	0	Local	7
05-296425-153	Fenwal	1	15	7	0	0	Local	9
05-296425-250	Fenwal	1	30	4	0	0	Local	12
05-296426-150	Fenwal	1	15	4	0	0	Local	7
05-296426-151	Fenwal	1	15	4	0	0	Remote	7
05-296426-153	Fenwal	1	15	7	0	0	Remote	9
05-296426-155	Fenwal	1	15	10	0	0	Remote	11
05-296426-250	Fenwal	1	30	4	0	0	Local	12
05-296426-253	Fenwal	1	30	7	0	0	Remote	13
05-296426-255	Fenwal	1	30	10	0	0	Local	14
05-296426-750	Fenwal	1	0	4	0	0	Remote	0
05-296463-253	Fenwal	3	30	7	0	0	Local	26
05-296463-255	Fenwal	3	30	10	0	0	Local	29
05-296463-263	Fenwal	3	30	7	0	0	Local	26
05-296466-150	Fenwal	3	15	4	0	0	Local	18
05-296466-153	Fenwal	3	15	7	0	0	Remote	20
05-296466-250	Fenwal	3	30	4	0	0	Local	24
05-296466-251	Fenwal	3	30	4	0	0	Local	24
05-296466-253	Fenwal	3	30	7	0	0	Local	26
05-296466-255	Fenwal	3	30	10	0	0	Local	29
05-296626-251	Fenwal	1	30	4	0	0	Local	12
05-296663-261	Fenwal	3	30	4	0	0	Local	24
05-296666-151	Fenwal	3	15	4	0	0	Local	18
05-296666-153	Fenwal	3	15	7	0	0	Local	20
05-296666-155	Fenwal	3	15	10	0	0	Local	22
05-299012-553	Fenwal	3	15	7	15	0	Local	21
35-605601-001	Fenwal	1	0	4	0	0	Remote	0
35-605606-111	Fenwal	3	15	7	15	0	Remote	21
35-605606-227	Fenwal	3	30	15	30	0	Remote	31
35-605635-113	Fenwal	3	15	7	15	0	Local	21
05-169006-201	Fenwal / ABC Sunray	1	30	4	0	0	Local	12
05-169007-201	Fenwal / Carlin	1	30	4	0	0	Local	12
05-279003-223	Fenwal / Coleman	1	30	7	0	0	Local	13
05-296426-755	Fenwal / Dexter	1	0	10	0	0	Remote	2
05-169005-123	Fenwal / Evcon	1	15	7	0	0	Local	9

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Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Post-purge (sec)	Sense	DIP Switch Selection
05-169001-000	Fenwal / Heil Quaker	1	0	4	0	0	Local	0
05-296426-753	Fenwal / Heil Quaker	1	0	7	0	0	Remote	1
05-296466-155	Fenwal / Hobart	3	15	10	0	0	Remote	22
05-296466-151	Fenwal / ICP	3	15	4	0	0	Remote	18
05-169009-005	Fenwal / International Dryer	1	0	10	0	0	Local	2
05-169009-023	Fenwal / International Dryer	1	0	7	0	0	Local	1
05-169018-003	Fenwal / International Dryer	1	0	7	0	0	Local	1
05-169008-225	Fenwal / Lennox	1	30	10	0	0	Local	14
05-296426-251	Fenwal / Midco	1	30	4	0	0	Remote	12
05-169011-205	Fenwal / Perfection Products	1	30	10	0	0	Local	14
05-296426-757	Fenwal / Roberts Gordon	1	0	15	0	0	Remote	5
05-296426-751	Fenwal / Snyder General	1	0	4	0	0	Remote	0
S87B1008	Honeywell	1	0	7	0	0	Local	1
S87B1016	Honeywell	1	0	11	0	0	Local	4
S87B1024	Honeywell	1	0	21	0	0	Local	6
S87B1065	Honeywell	1	0	4	0	0	Local	0
S87C1006	Honeywell	1	0	7	0	0	Remote	1
S87C1014	Honeywell	1	0	11	0	0	Remote	4
S87C1030	Honeywell	1	0	21	0	0	Remote	6
S87D1004	Honeywell	1	0	7	0	0	Remote	1
S87D1012	Honeywell	1	0	11	0	0	Remote	4
S87D1020	Honeywell	1	0	4	0	0	Remote	0
S87D1038	Honeywell	1	0	21	0	0	Remote	6
S87J1026	Honeywell	1	30	11	0	0	Local	15
S87J1034	Honeywell	1	30	21	0	0	Local	16
S87K10016	Honeywell	1	30	7	0	0	Remote	13
S87K1008	Honeywell	1	30	4	0	0	Remote	12

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Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Ignitor Warmup (sec)	Sense	DIP Switch Selection
05-356225-051	Fenwal	1	0	4	0	17	*	0
05-356225-052	Fenwal	1	0	4	0	17	*	0
05-356225-053	Fenwal	1	0	7	0	17	*	20
05-356225-054	Fenwal	1	0	7	0	17	*	20
05-356225-055	Fenwal	1	0	7	0	17	*	20
05-356225-151	Fenwal	1	17	4	0	17	*	3
05-356225-152	Fenwal	1	17	4	0	17	*	3
05-356225-153	Fenwal	1	17	7	0	17	*	22
05-356225-154	Fenwal	1	17	7	0	17	*	22
05-356225-155	Fenwal	1	17	7	0	17	*	22
05-356265-051	Fenwal	3	0	4	60	17	*	7
05-356265-052	Fenwal	3	0	4	60	17	*	7
05-356265-053	Fenwal	3	0	7	60	17	*	26
05-356265-054	Fenwal	3	0	7	60	17	*	26
05-356265-055	Fenwal	3	0	7	60	17	*	26
05-356265-151	Fenwal	3	17	4	77	17	*	10
05-356265-152	Fenwal	3	17	4	77	17	*	10
05-356265-153	Fenwal	3	17	7	77	17	*	28
05-356265-154	Fenwal	3	17	7	77	17	*	28
S890C1007	Honeywell	1	30	6	NA	34	Local	16
S890D1006	Honeywell	1	30	6	NA	34	Remote	16
S890G1003	Honeywell	3	30	4	30	34	Local	13
S890G1011	Honeywell	3	30	6	30	34	Local	19
S890G1037	Honeywell	3	30	6	30	34	Local	19
S890H1002	Honeywell	3	30	4	30	34	Remote	13
S890H1010	Honeywell	3	30	6	30	34	Remote	19
S89C1004	Honeywell	1	0	6	NA	34	Local	15
S89C1012	Honeywell	1	0	6	NA	34	Local	15
S89C1046	Honeywell	1	0	4	NA	34	Local	1
S89C1087	Honeywell	1	0	6	NA	34	Local	15
S89C1103	Honeywell	1	0	4	NA	34	Local	1
S89D1002	Honeywell	1	0	6	NA	34	Remote	15
S89G1005	Honeywell	3	0	4	30	34	Local	8
S89G1013	Honeywell	3	0	6	30	34	Local	17
S89G1047	Honeywell	3	0	6	30	34	Local	17
S89H1003	Honeywell	3	0	4	30	34	Remote	8
S89H1011	Honeywell	3	0	6	30	34	Remote	17
S89J1008	Honeywell	1	0	6	NA	34	Local	15
HS780-17NL-104A	Robertshaw	1	0	4	NA	17	Local	0
HS780-17NR-104A	Robertshaw	1	0	4	NA	17	Remote	0
HS780-34NL-306A	Robertshaw	3	0	6	34	34	Local	18
HS780-34NR-104A	Robertshaw	1	0	4	NA	34	Remote	1
HS780-34NR-306A	Robertshaw	3	0	6	34	34	Remote	18
50E47-1 to 50E47-9	White-Rodgers	1	0	4	NA	17	Remote	0
50E47-10	White-Rodgers	1	0	4	NA	45	Remote	2
50E47-101	White-Rodgers	1	0	7	NA	17	Remote	20
50E47-102	White-Rodgers	1	0	7	NA	17	Remote	21
50E47-103	White-Rodgers	1	0	7	NA	17	Remote	22
50E47-104	White-Rodgers	1	0	7	NA	17	Remote	23
50E47-105	White-Rodgers	1	0	7	NA	17	Remote	24
50E47-106	White-Rodgers	1	0	7	NA	17	Remote	25
50E47-107	White-Rodgers	1	0	7	NA	17	Remote	26
50E47-108	White-Rodgers	1	0	7	NA	17	Remote	27
50E47-109	White-Rodgers	1	0	7	NA	17	Remote	28
50E47-11	White-Rodgers	1	0	4	NA	45	Remote	3
50E47-110	White-Rodgers	1	0	7	NA	45	Remote	21
50E47-111	White-Rodgers	1	0	7	NA	45	Remote	22
50E47-112	White-Rodgers	1	0	7	NA	45	Remote	23
50E47-113	White-Rodgers	1	0	7	NA	45	Remote	24
50E47-114	White-Rodgers	1	0	7	NA	45	Remote	25
50E47-115	White-Rodgers	1	0	7	NA	45	Remote	26
50E47-116	White-Rodgers	1	0	7	NA	45	Remote	27
50E47-117	White-Rodgers	1	0	7	NA	45	Remote	28
50E47-118	White-Rodgers	1	0	7	NA	45	Remote	29
50E47-119	White-Rodgers	1	0	7	NA	45	Remote	30
50E47-12	White-Rodgers	1	0	4	NA	45	Remote	4
50E47-120	White-Rodgers	1	30	7	NA	17	Remote	24
50E47-121	White-Rodgers	1	30	7	NA	17	Remote	25
50E47-122	White-Rodgers	1	30	7	NA	17	Remote	26
50E47-123	White-Rodgers	1	30	7	NA	17	Remote	27
50E47-124	White-Rodgers	1	30	7	NA	17	Remote	28

*Refer to OEM installation instructions



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Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Ignitor Warmup (sec)	Sense	DIP Switch Selection
50E47-125	White-Rodgers	1	30	7	NA	17	Remote	29
50E47-126	White-Rodgers	1	30	7	NA	17	Remote	30
50E47-127	White-Rodgers	1	30	7	NA	17	Remote	31
50E47-128	White-Rodgers	1	30	7	NA	17	Remote	32
50E47-129	White-Rodgers	1	30	7	NA	17	Remote	33
50E47-13	White-Rodgers	1	0	4	NA	45	Remote	5
50E47-130	White-Rodgers	1	30	7	NA	45	Remote	25
50E47-131	White-Rodgers	1	30	7	NA	45	Remote	26
50E47-132	White-Rodgers	1	30	7	NA	45	Remote	27
50E47-133	White-Rodgers	1	30	7	NA	45	Remote	28
50E47-134	White-Rodgers	1	30	7	NA	45	Remote	29
50E47-135	White-Rodgers	1	30	7	NA	45	Remote	30
50E47-136	White-Rodgers	1	30	7	NA	45	Remote	31
50E47-137	White-Rodgers	1	30	7	NA	45	Remote	32
50E47-138	White-Rodgers	1	30	7	NA	45	Remote	33
50E47-139	White-Rodgers	1	30	7	NA	45	Remote	34
50E47-14	White-Rodgers	1	0	4	NA	45	Remote	6
50E47-140 to 50E47-149	White-Rodgers	3	30	7	90	17	Remote	30
50E47-15	White-Rodgers	1	0	4	NA	45	Remote	7
50E47-150 to 50E47-159	White-Rodgers	3	30	7	90	45	Remote	31
50E47-16	White-Rodgers	1	0	4	NA	45	Remote	8
50E47-160 to 50E47-169	White-Rodgers	3	0	7	60	17	Remote	26
50E47-17	White-Rodgers	1	0	4	NA	45	Remote	9
50E47-170 to 50E47-179	White-Rodgers	3	0	7	60	45	Remote	27
50E47-18	White-Rodgers	1	0	4	NA	45	Remote	10
50E47-19	White-Rodgers	1	0	4	NA	45	Remote	11
50E47-20	White-Rodgers	1	30	4	NA	17	Remote	5
50E47-201 to 50E47-209	White-Rodgers	1	0	4	NA	17	Remote	0
50E47-21	White-Rodgers	1	30	4	NA	17	Remote	6
50E47-210 to 50E47-219	White-Rodgers	1	0	4	NA	45	Remote	2
50E47-22	White-Rodgers	1	30	4	NA	17	Remote	7
50E47-220 to 50E47-229	White-Rodgers	1	30	4	NA	17	Remote	5
50E47-23	White-Rodgers	1	30	4	NA	17	Remote	8
50E47-230 to 50E47-239	White-Rodgers	1	30	4	NA	45	Remote	6
50E47-24	White-Rodgers	1	30	4	NA	17	Remote	9
50E47-240 to 50E47-249	White-Rodgers	3	30	4	90	17	Remote	12
50E47-25	White-Rodgers	1	30	4	NA	17	Remote	10
50E47-250 to 50E47-259	White-Rodgers	3	30	4	90	45	Remote	14
50E47-26	White-Rodgers	1	30	4	NA	17	Remote	11
50E47-260 to 50E47-269	White-Rodgers	3	0	4	60	17	Remote	7
50E47-27	White-Rodgers	1	30	4	NA	17	Remote	12
50E47-270 to 50E47-279	White-Rodgers	3	0	4	60	45	Remote	9
50E47-28	White-Rodgers	1	30	4	NA	17	Remote	13
50E47-30 to 50E47-39	White-Rodgers	1	30	4	NA	45	Remote	6
50E47-301 to 50E47-309	White-Rodgers	1	0	7	NA	17	Remote	20
50E47-310 to 50E47-319	White-Rodgers	1	0	7	NA	45	Remote	21
50E47-320 to 50E47-329	White-Rodgers	1	30	7	NA	17	Remote	24
50E47-330 to 50E47-339	White-Rodgers	1	30	7	NA	45	Remote	25
50E47-340 to 50E47-349	White-Rodgers	3	30	7	90	17	Remote	30
50E47-350 to 50E47-359	White-Rodgers	3	30	7	90	45	Remote	31
50E47-360 to 50E47-369	White-Rodgers	3	0	7	60	17	Remote	26
50E47-370 to 50E47-379	White-Rodgers	3	0	7	60	45	Remote	27
50E47-40 to 50E47-49	White-Rodgers	3	30	4	90	17	Remote	12
50E47-50 to 50E47-59	White-Rodgers	3	30	4	90	45	Remote	14
50E47-60 to 50E47-69	White-Rodgers	3	0	4	60	17	Remote	7
50E47-70 to 50E47-79	White-Rodgers	3	0	4	60	45	Remote	9
50F47-1 to 50F47-9	White-Rodgers	1	0	4	NA	17	Remote	0
50F47-10 to 50F47-19	White-Rodgers	1	0	4	NA	45	Remote	2
50F47-101 to 50F47-109	White-Rodgers	1	0	7	NA	17	Remote	20
50F47-110 to 50F47-119	White-Rodgers	1	0	7	NA	45	Remote	21
50F47-120 to 50F47-129	White-Rodgers	1	17	7	NA	17	Remote	22
50F47-130 to 50F47-139	White-Rodgers	1	17	7	NA	45	Remote	23
50F47-140 to 50F47-149	White-Rodgers	3	17	7	77	17	Remote	28
50F47-150 to 50F47-159	White-Rodgers	3	17	7	77	45	Remote	29
50F47-160 to 50F47-169	White-Rodgers	3	0	7	60	17	Remote	26
50F47-170 to 50F47-179	White-Rodgers	3	0	7	60	45	Remote	27
50F47-20 to 50F47-29	White-Rodgers	1	17	4	NA	17	Remote	3



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Manufacturer Part Number	Manufacturer	Tries for Ignition	Pre-purge (sec)	Trial for Ignition (sec)	Inter-purge (sec)	Ignitor Warmup (sec)	Sense	DIP Switch Selection
50F47-240 to 50F47-249	White-Rodgers	3	17	4	77	17	Remote	10
50F47-250 to 50F47-259	White-Rodgers	3	17	4	77	45	Remote	11
50F47-260 to 50F47-269	White-Rodgers	3	0	4	60	17	Remote	7
50F47-270 to 50F47-279	White-Rodgers	3	0	4	60	45	Remote	9
50F47-30 to 50F47-39	White-Rodgers	1	17	4	NA	45	Remote	4
50F47-301 to 50F47-309	White-Rodgers	1	0	7	NA	17	Remote	20
50F47-310 to 50F47-319	White-Rodgers	1	0	7	NA	45	Remote	21
50F47-320 to 50F47-329	White-Rodgers	1	17	7	NA	17	Remote	22
50F47-330 to 50F47-339	White-Rodgers	1	17	7	NA	45	Remote	23
50F47-340 to 50F47-349	White-Rodgers	3	17	7	77	17	Remote	28
50F47-350 to 50F47-359	White-Rodgers	3	17	7	77	45	Remote	29
50F47-360 to 50F47-369	White-Rodgers	3	0	7	60	17	Remote	26
50F47-370 to 50F47-379	White-Rodgers	3	0	7	60	45	Remote	27
50F47-40 to 50F47-49	White-Rodgers	3	17	4	77	17	Remote	10
50F47-50 to 50F47-59	White-Rodgers	3	17	4	77	45	Remote	11
50F47-60 to 50F47-69	White-Rodgers	3	0	4	60	17	Remote	7
50F47-70 to 50F47-79	White-Rodgers	3	0	4	60	45	Remote	9

*Refer to OEM installation instructions

