

Robertshaw. GAS IGNITION CONTROLS

DS 845 DIRECT SPARK IGNITION CONTROLS

The 24 VAC DS845 Direct Ignition Control is applicable to commercial cooking equipment, gas fired heating and water heating systems of many types. The system acts on a demand for heat by a switch or thermostat to open the gas valve. At the same time the DS845 ignition control supplies a spark to the electrode which ignites the gas. After the gas is lit, an electronic circuit proves the presence of flame using flame rectification. When the thermostat is satisfied, the gas valve will be closed to shut off main burner gas.



780-501

CROSS-REFERENCE

OLD ROBERTSHAW NO.	NEW ROBERTSHAW NO.
100-00832-02	100-00832-13
100-00832-05	100-00832-16
100-00832-06	100-00832-17
100-00832-10	100-00832-21

ORDERING DATA

ROBERTSHAW PART NO.	UNI-LINE ORDER NUMBER	PRE-PURGE	NON-PRE-PURGE	REMOTE	LOCAL	IGNITION ATTEMPTS (BEFORE LOCKOUT)	VALVE TRIAL TIME (SEC.)	SUPPLY VOLTAGE				OPEN BOARD	ENCLOSED	EDGE BOARD	MOLEX	1/4 Q.C.	COMMENTS
								12VDC	24VAC	120 VAC	240 VAC						
100-00832-13	780-502		•		•	1	4		•				•				HEATILATOR, 15695D, SUPERIOR 901253, TEMCO 1872913
100-00832-16	780-501	•		•		3	7		•				•				COMBUSTION RESEARCH 5241-04, GLOW CORE 1950027
100-00832-17	780-503	•		•		1	4		•				•				COMBUSTION RESEARCH 5241-08, HEAT-N-GLO 420-593-01
100-00832-21	780-504		•		•	3	7		•				•				A.Q. SMITH 400019