

Product Features						
Feature	Notes	ST312	ST314	ST315	ST316	ST501
Sealed construction	Sealed against kiln generated dust, moisture & fumes	Yes	Yes	Yes	Yes	Yes
Programs		1	1	9	9	20
Segments per program		1	9	9	9	30
Ramps per segment		2	1	1	2	1
Soaks (dwells) per segment		1	1	1	1	1
Heating ramps	1°C/hr to 999°C/hr + full	Yes	Yes	Yes	Yes	Yes
Cooling ramps	1°C/hr to 999°C/hr + full	Yes	Yes	Yes	Yes	Yes
Program Pause	Useful for glass	Yes	Yes	Yes	Yes	Yes
Segment Advance	Useful for glass	Yes	Yes	Yes	Yes	Yes
Alarm buzzer	Audible indication of error condition	Yes	Yes	Yes	Yes	Yes
Optional alarm relay	Guards against main contactor failure	ST312A	ST314A	ST315A	ST316A	ST501A
Signal relays for contactors (larger kilns)	These relays are fitted as standard	Yes	Yes	Yes	Yes	Yes
Power relays for smaller kilns	ST312PA, ST314PA, ST315PA, ST316PA also available	ST312P	ST314P	ST315P	ST316P	-
Power failure recovery	Program resumes after power failure (can be disabled)	Yes	Yes	Yes	Yes	Yes
kWh used display	Determine cost of firing	Yes	Yes	Yes	Yes	Yes
Selectable thermo-couple type	R, S, K & N	Yes	Yes	Yes	Yes	Yes
Recommended for glass	Clearly indicates if heating or cooling	-	Yes	Yes	-	Yes
Start delay 00:00 to 99hrs 59mins	For firing overnight on low tariff electricity	Yes	Yes	Yes	Yes	Yes