

9 Technical data

Mains voltage:

220/240 V AC, -15/+10%, 50/60 Hz or

110/120 V AC, -15/+10%, 50/60 Hz,

for grounded and ungrounded mains.

Power consumption: < 8 VA.

Control inputs:

Input voltage/current:

Burner, air valve, multi-flame control and remote reset:

24 V DC, $\pm 10\%$, < 7 mA per input.

Input voltage for safety interlocks, digital input DI and purge
= mains voltage.

Input voltage of signal inputs:

Rated value	110/120 V AC	220/240 V AC
Signal "1"	80–132 V	160–264 V
Signal "0"	0–20 V	0–40 V
Frequency	50/60 Hz	50/60 Hz

Rated value	24 V DC
Signal "1"	24 V, $\pm 10\%$
Signal "0"	< 1 V

Inherent current:

Signal "1"	typ. 5 mA
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Output voltage for voltage-related outputs = mains voltage

Contact rating

Gas valve V1, V2	Max. 1 A resistive	Max. 1 A $\cos \varphi 0.3$
Air valve	Max. 1 A resistive	Max. 1 A $\cos \varphi 0.3$
Ignition	Max. 1 A resistive	Max. 1 A $\cos \varphi 0.3$
Number of operating cycles	Max. 1,000,000, typically 400,000	Max. 250,000, typically 100,000

Output current: max. 2 A per output, but total current for valves
and ignition transformer max. 2.5 A.

Number of operating cycles:

Mains switch: 1000,

Reset/Information button: 1000.

