

TIMED IGNITION PANEL FOR BURNER

MODEL: ACS-IT-□-O□

TECHNICAL SHEET 1/4

☎ Customer Service 55 11 3019-1616

• APPLICATION

The ACS-IT Timed Ignition Panel is a piece of equipment destined to the ignition of industrial or commercial burners that use gas, oil or any other kind of fuel, for high temperature zones where flame supervision can be optional, according to the determination of NBR 12313 ABNT standard.

• TECHNICAL DATA

- ⇒ Local and Remote Reset
- ⇒ Mechanical and electrical useful life expectancy of outlet relay contacts > 100.000 operations
- ⇒ Protection against tension outbreaks
- ⇒ Protection fuse (F1) assembled in the circuit plate – code MST-3,15A – Fusibras
- ⇒ Feeding 115 or 220Vac +10 -15% (**phase / phase or phase / neutral non-grounded**) 50/60 Hz ± 3%.
- ⇒ Power Consumption: 5VA
- ⇒ Work temperature: 0 a 60°C
- ⇒ Ambient protection degree: IP 50 (with press base inlet/outlet cables installed)
- ⇒ Fixation: In any external or internal surface in panel.
- ⇒ Ignition time: 10 seconds
- ⇒ Maximum outlet currents (250 Vac_{max}): 2 A - resistive
 - Internal ignition converter : 1,5A (NA) – To order, see field code
 - External ignition converter: 2 A (NA) – To order, see field code
- ⇒ Local on/off switch (L/D): box front
- ⇒ Local sinalization – equipment on – red access
- ⇒ Mechanical Assembling: Through base – code BASE ASC-IT – see figure 2 following.
- ⇒ Electrical connections: Through terminal binding rods, assembled in the circuit plate. We suggest the use of a flexible or extra -flexible cable of maximum gage of 1,5 mm².
- ⇒ Ground and ignition cables: 1,7 metros each
- ⇒ Peso: 350 grams
- ⇒ Warranty: 12 months (**see term of warranty**)



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TECHNICAL SHEET 2/4

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• **Dimensional Draft (mm)**

PROGRAMMER DIMENSIONAL

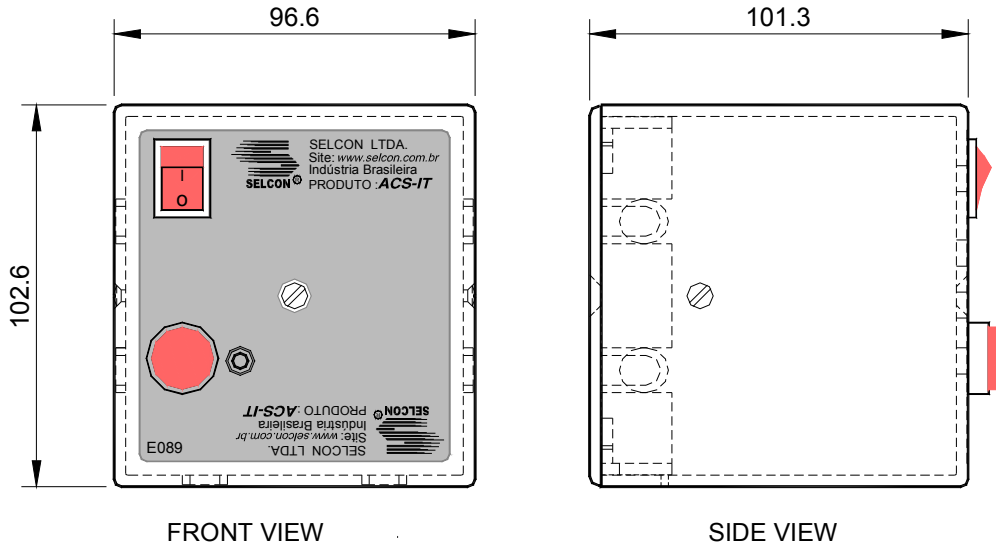


FIGURE 1

Internal View- Electrical Connections Lug

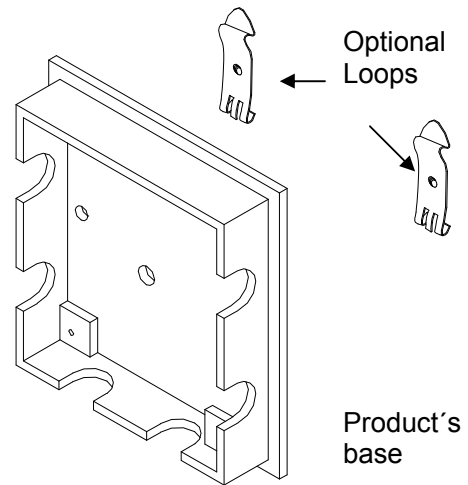
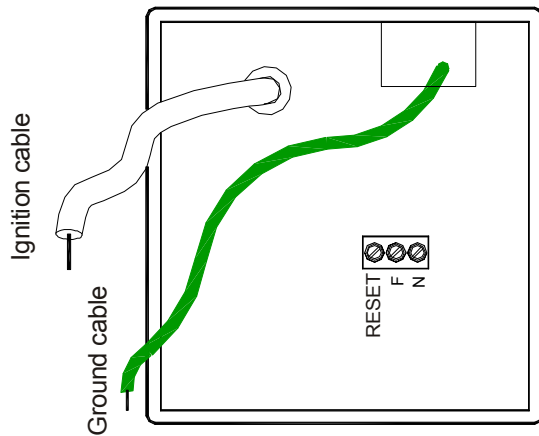


FIGURE 2



SELCON SISTEMAS ELETRÔNICOS DE CONTROLE LTDA.
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• **SUBTITLE:**

L/D: Sinalization on/off switch

RESET: Frontal local reset of ACS-IT / Remote reset through plate lug

TI EXT.: Ignition transformer external to the programmer – ACS-TE line

Ignition transformer (**Tig**):

- Internal in ACS-IT: With ACS-TE-21-3 model ignition converter
- External to ACS-IT: With ACS-TE-□□-C1, ACS-TE -□1-C2, ACS-TE -21-C3, ACS-TE -□1-C4 model ignition converters.

To use other converters, ask Selcon Ltda.

• **ORDER CODE: ACS-IT-□-O□**

ACS-IT	-	INCORPORATED IGNITION CONVERTER	-	O – ADAPTER FOR 35 mm DIN RAIL
		<input type="checkbox"/> (d1) d1 = S => yes (ACS-TE-21-C3 single model) OR d1 = N => no		<input type="checkbox"/> (d2) d2 = 1 => no OR d2 = 2 => yes

PS.: The sensor and other accessories must be specified separately, according to their corresponding code tables.

• **BE AWARE:**

⇒ Use the programmers and/or detector relays exclusively with flame sensors of Selcon manufacturing.

• **OTHER PRODUCTS AND ACCESSORIES:**

- ⇒ Flame Relays – CHM-E, CHM-P, CHM-M e CHM-F
- ⇒ Tightness Test Relay of blocking valves – CHM -T
- ⇒ Ignition Programmers and flame monitoring – PRG-E, PRG-Ie, PRG-Ie -III Me (with base), PRG-I, PRG-M e PRG-M-III Me (with base)
- ⇒ Optical Flame Sensors– SEL- SV
- ⇒ Flame sensors by ionization and ignitor electrodes – SEL-HT e SEL-HT-E (sensors and electrodes assembled under draft or sample from the special-client).
- ⇒ Flame signal transmitter– ACS –TX (until 500 meters between the sensor and relay or programmer)
- ⇒ Flame Signal Converter for 4 -20 mA – ACS - CV
- ⇒ Ignition transformers – ACS -TE (for feeding in VAC or VCC)
- ⇒ Portable ignitor – ACS-IP (works with common alkaline battery AA type)
- ⇒ Several Cables– ACS - CB (ignition / sensing / communication / control)
- ⇒ Connector and protector to touch for ignition cable – ACS - CP
- ⇒ Temporized ignition panel ACS – IT
- ⇒ Ignition and flame panel – ACS - PI
- ⇒ Articulated socket joint – ACS - CN
- ⇒ Ignition and monitoring panel – ACS-PN (under consultation)
- ⇒ Reform services of pilot burners (under consultation)
- ⇒ **PRODUCTION DATA SUPERVISION LINE**



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