

CABLE FOR FLAME IGNITION OR IONIZATION SENSOR

PRODUCT: ACS-CB-C2541

TECHNICAL SHEET 1/2

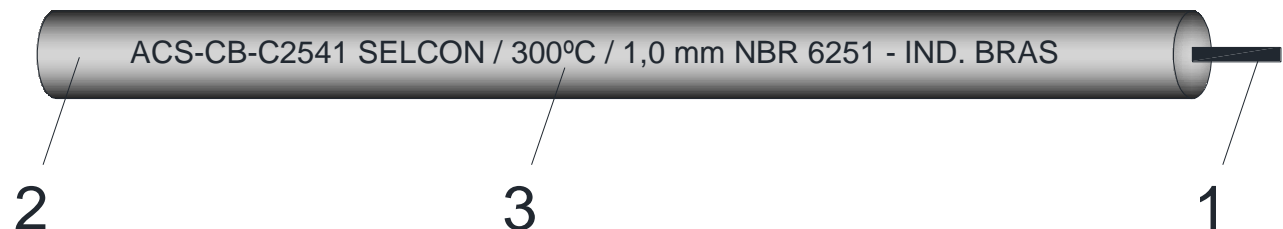
☎ Customer Service: 55 11 3019-1616

● APPLICATION

- 1 – Cable for high voltage secondary transformer connection or timed ignition relay ACS-IT connection to the ignition electrode(s).
- 2 – Cable for flame detection ionization (metallic rod) sensor connection to the flame detector relay input (CHM line); flame start and monitoring programmer and safe stop (PRG line).

● TECHNICAL DATA

- ⇒ Applicable standard: NBR 6251
- ⇒ (1) Conductor cross-section: 1.0 mm²
- ⇒ Wire: soft bare copper
- ⇒ Formation: 18 x 0.254 mm
- ⇒ (2) Insulating: white silicone rubber
- ⇒ Insulation thickness: 2.820 mm (± 0.5)
- ⇒ Outer diameter: 7 mm (± 1)
- ⇒ Electrical insulation_{max}: 10 Kv for continuous use or 20 Kv for intermittent use
- ⇒ (3) Cover identification: ACS-CB-C2541 SELCON / 300°C / 1 mm² NBR 6251-IND. BRAS.
- ⇒ Operating ambient temperature_{max}: 300°C
- ⇒ Construction:



- ⇒ Warranty: 6 months (see warranty terms)



SELCON SISTEMAS ELETRÔNICOS DE CONTROLE LTDA.
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● **WARNING:**

⇒ Use the sensor only with programmers and/or detector relays made by Selcon.

● **OTHER PRODUCTS AND ACCESSORIES:**

- ⇒ Flame relays: CHM-SE, CHM-P, CHM-M, CHM-M-IIIME (with base) and CHM-F
- ⇒ Automatic valve proving control: CHM -T
- ⇒ Ignition and flame monitoring programmers: PRG-SE, PRG-E, PRG-Ie,
- ⇒ PRG-Ie-IIIME (with base), PRG-I, PRG-M and PRG-M-IIIME (with base)
- ⇒ Flame optical sensors: SEL- SV
- ⇒ Ionization flame sensors and ignition electrodes: SEL- HT (standard) and SEL- HT-E
- ⇒ (sensors and electrodes mounted under drawing or customer sample- special);
- ⇒ Flame signal transmitter: ACS -TX (up to 500 meters between sensor and relay or programmer)
- ⇒ Flame signal converter for 4 -20 mA: ACS - CV
- ⇒ Ignition transformers: ACS -TE (for supply in VAC or VCC)
- ⇒ Timed ignition panel: ACS - IT
- ⇒ Portable ignitor: ACS - IP (operates on batteries)
- ⇒ Ignition panel (operates on batteries): ACS-PN-E
- ⇒ Ignition panel and flame monitoring: PRG-Ie/O3
- ⇒ Cables: ACS - CB (ignition / sensing / communication / control)
- ⇒ Touch-sensitive connector and protector for ignition cable: ACS-CP
- ⇒ Articulate connection ACS-CN
- ⇒ Ignition and monitoring panel: ACS-PN (on request)
- ⇒ Reform service for pilot burners: on request
- ⇒ **PRODUCTION DATA SUPERVISOR LINE**



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