FAGOR ELECTRONICA SEMICONDUCTORS

MAIN APPLICATIONS

Consumer
- AIR CONDITIONING
  - Motor Speed Control
- SAFETY SYSTEMS
  - Smoke Alarms
  - Intrusion Alarms
  - Electronic Locks
  - Fire Extinguishing
  - Power Control
  - Airflow Controls
- TELEVISION
  - Standby
  - Power Supply
- HOME APPLIANCES
  - Motor Speed Control
  - Actuator Controls
  - Valve Controls
  - Safety Switches
  - Motor Speed Control
- SECURITY SYSTEMS
  - Smoke Alarms
  - Intrusion Alarms
  - Electronic Locks
  - Fire Extinguishing
  - Power Control
  - Airflow Controls

Industrial
- PROGRAM CONTROLLERS
  - Solid State Relay
  - Gas Ignition System
  - Small Engine Controls
- FACTORY
  - Solid State Relay
  - Gas Ignition System
  - Small Engine Controls

Automotive
- ENGINE CONTROLS
  - Igniters
  - Security
  - Burglar Alarms

Data processing
- POWER SUPPLIES
  - Automatic Voltage Switches
  - Protective Circuits

MAIN FEATURES
- High Performance
- Excellent Quality
- High Reliability
- Excellent Service

The link between the micro-electronic control and the outside world is a Thyristor.

THYRISTOR LINES

SCR
- Standard SCR
- Surface Mount SCR

TRIAC
- Standard TRIC
- High Commutation TRIC
- Surface Mount TRIC

DIAC
- Standard DIAC
- Surface Mount DIAC

THYRISTORS

Fagor Electronica offers a complete range of Thyristors with voltage ratings up to 800V, current ratings from 1 Amp to 40 Amp and gate current ratings from 5 mA up to 50 mA in a wide range of formats including axial, radial and SMD. We are committed to manufacturing a Thyristor solution for any demand from the market.

Fagor Electronica has been manufacturing electronic components since 1966. Our headquarters is based in the Basque city of Mondragon in Spain, with an additional production plant in Chachoengsao near Bangkok in Thailand. We employ over 500 people in both plants. We also form part of the Mondragon Corporation, the seventh largest business association in Spain and a major reference point for cooperativism in the world.

The semiconductor business unit exports over 96% of its production across the globe. Fagor Electronica has an extensive network of sales offices and agents to support and sustain our customer relationships. We are dedicated to manufacturing a solution for all our customers. For that matter we are considered a benchmark company for business sectors like lighting, power supply, white goods, household appliances and automotive.

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sc.sales@fagorelectronica.es
www.fagorelectronica.com

IATF 16949: 2016 Standard
ISO14001: 2015
### TRIACs

<table>
<thead>
<tr>
<th>Device Code</th>
<th>Input Voltage</th>
<th>I(Typical)</th>
<th>T(RMS) (A)</th>
<th>DRM/RRM (V)</th>
<th>GT max.Q1-3</th>
<th>GT max.Q4</th>
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### DIACs

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*Group kit only option*