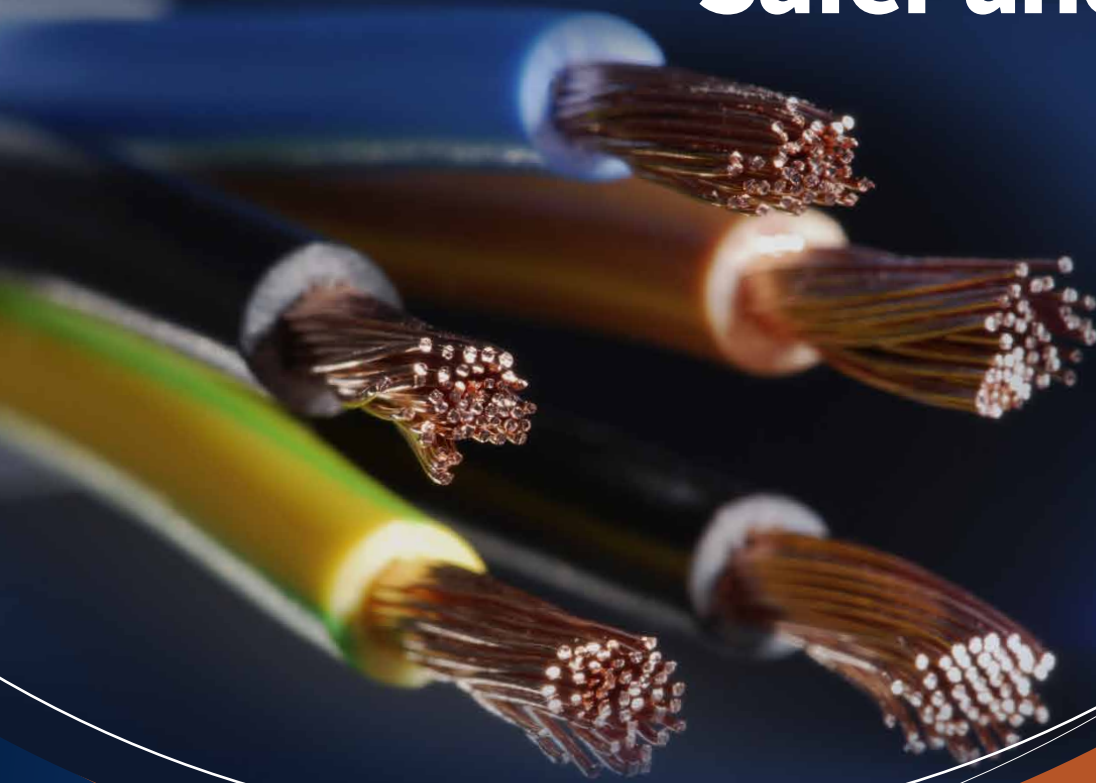


# Our Cables Are Simply Safer and Longer



We are certified with  
**SIRIM QAS INTERNATIONAL &  
TÜV SÜD PSB**

## About us

Tai Sin Electric Cables (Malaysia) Sdn. Bhd., a wholly-owned subsidiary of Singapore Main Board SGX-listed company, Tai Sin Electric Limited, is principally engaged in the manufacturing and trading of electric wires and cables. From the incorporation as a private limited company in 1999, we have grown steadily over the years, building on the philosophy of providing quality products with excellent customer service and support.

We have been catering to the cable needs and requirements of large and small customers from a wide range of industries. Our Company supplies to electrical dealers, wholesalers and contractors for both private and public construction of infrastructure, industrial and commercial as well as residential properties.

Besides being certified with international standards, we have also obtained approval from relevant local authorities for Government's Requirements, such as **Jabatan Kerja Raya Malaysia (JKR)**, **Suruhanjaya Tenaga**, **Jabatan Bomba Dan Penyelamat Malaysia** and **Syarikat SESCO Berhad**.



## About our parent company

Tai Sin Electric Cables Manufacturer Pte Ltd was incorporated in 1980, and has since expanded and diversified steadily to become the Tai Sin Group of Companies, which is now public listed on the Main Board of the Singapore Stock Exchange (SGX).

To crystallise its vision of being a leading Industrial Group that contributes in the Southeast Asia, Tai Sin is structured into interlinked business division, comprising three core businesses – manufacturing, distribution and services. The Group is able to leverage the combined core competencies and expanding capabilities of each business, to deliver a focused collective solution to its customers.



**Tai Sin**<sup>®</sup>

Group Total Tonnage **1,600 tons**

Total Floor Area **23,533m<sup>2</sup>**

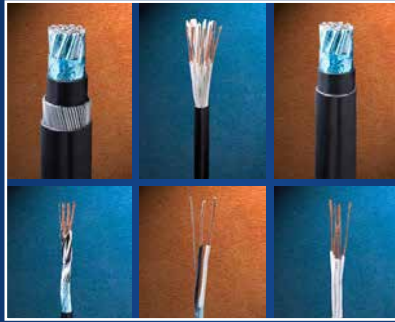
# POWER, CONTROL & INSTRUMENTATION CABLES AND WIRES



## Low Voltage Power Cables & Wires

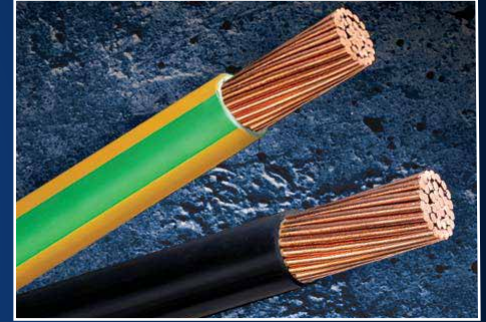
**PVC Insulated Standards / Specifications :** BS 6346, IEC 60502-1, MS 2102, MS 2103, IEC 60332-3 and other standards as per customer's request.

**XLPE Insulated Standards / Specifications :** BS 5467, IEC 60502-1, IEC 60332-3 and other standards as per customer's request.



## Instrumentation & Control Cables & Wires

The instrumentation range of cables are available with a voltage rating of 300/500V and are either manufactured to BS 5308 or BS EN 50288 standards. The control range of cables available have a voltage rating of 600/1000V and are manufactured to MS 2102, MS 2103, BS 5467 or IEC 60502 - 1.



## Single Core Cables & Wires

Tai Sin produces a full range of PVC single core cables from 1.5mm<sup>2</sup> to 630mm<sup>2</sup> in both harmonized and non-harmonized colours. The conductors used are plain annealed, stranded with PVC, certified to MS 2112-3. These cables have a voltage rating of 450/750V.

# FIRE RESISTANT & FLAME RETARDANT CABLES AND WIRES

# BRANCH CABLES



## Fire Resistant Cables & Wires

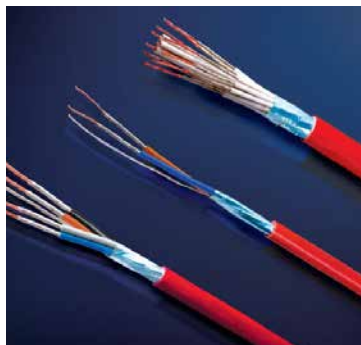
### Fire Performance Standards Achieved

**Circuit Integrity :** BS 6387 Cat C.W.Z., SS 299 Cat C.W.Z., IEC 60331

**Flame Propagation :** IEC 60332-3A / IEC 60332-3-22, BS EN 50266

**Acid Gas Emission :** IEC 60754, BS EN 50267

**Smoke Emission :** IEC 61034, BS EN 61034



## Fire Resistant Cables for Emergency Circuits

### Fire Performance Standards Achieved

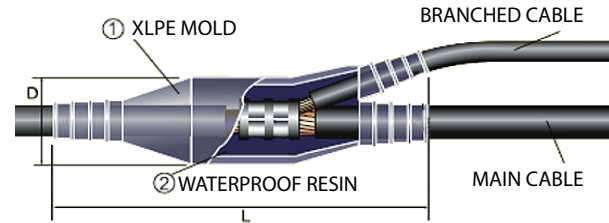
#### Circuit Integrity :

1. BS 5839-1:2002+A2:2008 Clause 26.2
2. BS 8434-2:2003+A2:2009
3. BS EN 50200:2006 PH120
4. SS 299 Cat C.W.Z, BS 6387 Cat C.W.Z., IEC 60331

**Flame Propagation :** BS EN 60332-1-2 / BS EN 60332-3C / BS EN 50266

**Acid Gas Emission :** IEC 60754, BS EN 50267

**Smoke Emission :** IEC 61034, BS EN 61034



### Reference Standards

#### Main Cable (Aluminium or Copper)

XLPE/PVC Cable, in accordance with IEC 60502-1, 60332-1

#### Branch Cable (Copper)

XLPE/PVC Cable, in accordance with IEC 60502-1, 60332-1

#### Branch Joint

Conductor Joint: Sleeve in accordance with JIS C2801

Mold of Branch Section: Black coloured PVC in accordance with JIS C2801

# OFFSHORE & MARINES CABLES

# CUSTOMIZED CABLES



### Standards Achieved

- IEC 60092-353
- IEC 60092-376



Besides our standard range of products listed, Tai Sin also manufactures products according to our customer's specific requirements and/or preferences in terms of sheath colours, copper core sizes, cable lengths, voltage etc.

We have 8 locations across Southeast Asia  
CONTACT US for more details



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