

SIGI SID-VHV

TECHNICAL DATA SHEET



Cable Construction:

- Conductor – Solid Copper Conductor
- Insulation – High Wall Thickness [Silicone Rubber Insulation \(SIF\)](#)
- Options available on request - Extra-flexible tin-plated copper core as per IEC 60228- class 6 • Flexible or extra-flexible bare copper, silver-plated or nickel-plated copper core as per IEC 60228 – class 5 or 6 • Without reinforcing braid (ref. SIGI SIF 1.1 KV) • Varnished synthetic fibre reinforcing braid • Very high temperature fibre reinforcing braid • Outer flexible armour of Galvanised steel braid or Stainless steel braid • Multi-conductor cable made up of an assembly of several single conductor cables • Other markings • Other colours • Other nominal cross-sections • Other options and/or combinations of the options outlined above.
- Please [contact us](#) for construction specifications



Standards:

International Standards: IEC 60092 • IEC 60331 • IEC 60332-1 • IEC 60332-3

Voltage:

| | | | | |
|---------------|---------|-------|-------|-------|
| Rated Voltage | 13.8 kV | 20 kV | 25 kV | 30 kV |
| Test Voltage | 30 kV | 40 kV | 50 kV | 60 kV |

Temperature:

Working temperature – -60°C Up to +270°C

Short Circuit Temperature – 300°C

Application:

- [Electric Motors](#)
- [Lighting Technology](#)
- [Generators, Alternators, Inductors, Choppers and Transformers](#)
- Thermal and Heating Elements
- Appliances and Apparatus Engineering
- Ventilator Technology and other Medical Equipment
- Steel, Ceramics, Cement, Ironwork and Glass Factories
- Ship Building and Railway Construction
- Bakery Equipment and Industrial Furnaces
- Air-Conditioning Technology
- [Power Cabinets](#) and [Inverters](#)

