

Ref. Std. VDE 282-15, TS EN 50525-2-83

SİMH C1



Conductor-İletken []
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Kablo Yapısı - Cable Construction

1) İç İletken Inner Conductor	Elektrolitik bükülü tavlı bakır tel (IEC 60228, class 5) Electrolytic stranded annealed copper wire (IEC 60228, class 5)
2) İzolasyon Insulation	Silikon kompozit (EI2) damar renkleri VDE 0293-308 / HD 308 S2 'ye uygun olacaktır. Silicon compound, EI2 Core colours VDE 0293-308 / HD 308 S2 ton be suitable.
3) Öz Oluşturma Lay-Up	İzole edilmiş damarlar uygun adımlarla katlar halinde bükülür. Polyester bant ile sabitlenir Isolated cores are bent in layers at proper steps and are fixed with Polyester tape.
4) Ayırıcı Separator	Polyester bant Polyester tape
5) Ekran Screen	Kalaylı bakır örgü ekran Tinned copper braid screen
6) Kılıf Sheath	Silikon kompozit, Kiremit kırmızısı Silicon compounding, Brick red EM9, RAL 3000

Kullanım Alanı - Application

Silikon kauçuk izoleli kablolar yüksek veya düşük sıcaklıklarda nemli, kuru ıslak alanlarda; mekanik dayanımın az olduğu sanayi tesislerinde, fırınlarda, makine, üretim, montaj bölümlerinde ortam ısısının -60°C ... +180 °C olduğu yerlerde kullanılırlar.

This type of silicon-isolated, encased and screened cables are used as control and feeding cable which are furnished stably in environments with a high ambient temperature, in dry, humid and wet places, in places with an ambient temperature between -60°C ... +180°C, in machines and plants which are required to be protected against high electromagnetic external factors. These cables are also used in instrumentation, control devices and machines, transportation devices and production lines required by project engineering. The screen which is woven with thin tinned copper ensures protection against noises and signals.

Genel Özellikler - General Features

- Alev Testi / Flame Test
IEC 60332-1, EN 60332-1, VDE 0482-332-1
- Alev Yayılma / Flame Spread
IEC 60332-3-24, EN 60332-3-24, VDE 0482-332-3-24
- Halojen-Korozif Gaz Testi / Halogen-Corrosive Gas Test
IEC 60754-2, EN 50267-2, VDE 0482-267-2
- Duman Yoğunluğu / Smoke Density
IEC 61034-2, EN 61034-2, VDE 0482-1034-2
- İzolasyon Sürekliliği (FE) / Insulation Continuity
EN 60331, VDE 0472 Part 814