

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **24 364 - 04 HH**

Company **Young Chang Silicone Co., Ltd**
481-7, Gasan-Dong, Gumchun-Gu
Seoul 153-023, KOREA, REPUBLIC OF

Product Description **FEP insulated, copper wire screened and ETFE sheathed control and communication cable**

Type **FFCS 300 V**
FFCS(S) 300 V

Environmental Category **None**

Technical Data / Range of Application
Rated voltage: 300 / 500 V
Maximum continuous service temperature: 100° C
Conductor: Tinned stranded copper conductor (class 5)
Inner covering: -Flame retardant PVC (FFCS)
-Flame retardant silicone rubber (FFCS(S))
Insulation: FEP 100
Shield: Tinned annealed copper wire with drain wire
Outer sheath: ETFE521 (ethylene tetrafluoroethylene copolymer)

Application category: 4 (At diesel engines, turbines, boilers and other devices with higher temperatures)

Number of cores: 2 to 20 **Cross-sectional areas: 0,75 mm²**
2 to 7 **1,0 mm² and 1,5 mm²**
2 and 3 **2 mm² and 2,5 mm²**

Test Standard **Spec. No. YCS 04-M28, Rev. No. Ver 0.0, 2004-07-28, Rev. No. Ver 0.2, 2008-11-03**
IEC 60092-350:2001; 60092-351:2004; 60332-1-2:2000; 60332-3-22:2000;

Documents **Test report : List no. YCS04-M28-2 1/6 - 6/6**
Summary of results: YCS04-M28-3 1/5 - 5/5 dated 2004-12-09

Remarks **None**

Valid until **2014-10-23**

Page **1 of 1**

File No. **I.N.01**

Hamburg, **2009-10-23**

Type Approval Symbol



Germanischer Lloyd

W. Voß
Wolfgang Voß

C. Hunsalz
Carsten Hunsalz

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".