



Confirmation of Product Type Approval

Company Name: SEOUL ELECTRIC WIRE CO., LTD.

Address: 27-20, MEONGSIMI-GILSAMSEONG-MYEON Korea, Republic of

Product: Cable, for Electrical Equipment of Marine and Offshore Use

Model(s): EPR insulated and SHF2 or SHF2 Enhanced oil resistance or SHF2 Mud resistance sheathed cables based on NEK 606:2016

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	18-BK1712635-1-PDA	27-SEP-2018	07-FEB-2023
Manufacturing Assessment (MA)	15-SE2975399	28-AUG-2015	01-SEP-2020
Product Quality Assurance (PQA)	NA	NA	NA

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Intended Service

Electrical power, control and Instrumentation cables for vessels and offshore units.

Description

a) 3.6/6kV, 6/10kV, 8.7/15kV and 12/20kV Flame Retardant Power Cables: Class 2 or 5 Conductor, Semi-Conducting Compound Conductor Screen, EPR Insulation with Insulation Screen, Non-Hygroscopic Filler, Halogen Free Thermoset Compound Inner Covering, Copper/Polyester Tape Screen (VFD and EMC type only), Tinned Copper Wire or Galvanized Steel Wire or Copper Alloy Braid Armour, SHF2 or SHF2 Enhanced oil resistance or SHF2 Mud resistance Outer Sheath

b) 0.6/1kV Flame Retardant or Fire Resistant Power Cables: Class 2 or 5 Conductor, EPR or MGT+EPR Insulation, Non-Hygroscopic Filler, Halogen Free Thermoset Compound Inner Covering, Copper/Polyester Tape Screen (VFD and EMC type only), Tinned Copper Wire or Galvanized Steel Wire or Copper Alloy Braid Armour, SHF2 or SHF2 Enhanced oil resistance or SHF2 Mud resistance Outer Sheath

c) 150/250V Flame Retardant or Fire Resistant Control Cables: Class 2 or 5 Conductor, EPR or MGT+EPR Insulation, Non-Hygroscopic Filler, Screened by Copper or Aluminum Backed Polyester Tape Collective or Individual Screen (option), Halogen Free Thermoset Compound Inner Covering, Tinned Copper Wire or Galvanized Steel Wire or Copper Alloy Braid Armour, SHF2 or SHF2 Enhanced oil resistance or SHF2 Mud resistance Outer Sheath

Ratings

a) Maximum rated conductor temperature of EPR insulation is 90 degree C according to IEC 60092-360:2014.