



Confirmation of Product Type Approval

Company Name: SEOUL ELECTRIC WIRE CO., LTD.

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

Product: Cable, Halogen Free Electric Power and Control

Model(s): Flame Retardant or Fire Resistant type XLPE insulated SHF1 sheathed Halogen Free Cables

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	17-BK1638071-1-PDA	12-FEB-2020	19-JUN-2022
Manufacturing Assessment (MA)	15-SE2975399	28-AUG-2015	01-SEP-2020
Product Quality Assurance (PQA)	NA	NA	NA

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Intended Service

Power, Lighting, Control & Instrument for Vessels and Offshore Units. Not intended for use as propulsion cable.

Description

a) 3.6/6kV, 6/10kV, 8.7/15kV and 12/20kV Flame Retardant Power Cables: Class 2 or 5 Conductor, Semi-Conducting Conductor Screen, XLPE Insulation with Insulation Screen, SHF1 Inner Sheath or Thermoplastic Compound Inner Covering, Laminated Electrostatic Screening Overall Screen (VFD only), Tinned or Plain Annealed Copper or Galvanized Steel Wire Braid Armor, SHF1 Outer Sheath

b) 1.8/3kV and 0.6/1kV Flame Retardant or Fire Resistant Power Cables: Class 2 or 5 Conductor, XLPE or Mica/Glass+XLPE Insulation, SHF1 Inner Sheath or Thermoplastic Compound Inner Covering, Laminated Electrostatic Screening Overall Screen (VFD only), Tinned or Plain Annealed Copper or Galvanized Steel Wire Braid Armor, SHF1 Outer Sheath

c) 0.6/1kV Flame Retardant Power and Control Cables: Class 2 or 5 Conductor, XLPE Insulation, Non-Hygroscopic Filler, Overall Screen by Copper or Aluminum Backed Tape with Copper Drain Wire, SHF1 Outer Sheath

d) 0.6/1kV Flame Retardant or Fire Resistant Power and Control Cables: Class 2 or 5 Conductor, XLPE or Mica/Glass+XLPE Insulation, With or Without Overall Screen by Copper or Aluminum Backed Tape with Copper Drain Wire, SHF1 Inner Sheath or Non-Hygroscopic Filler or Thermoplastic Compound Inner Covering, Tinned or Plain Annealed Copper or Galvanized Steel Wire Braid Armor, SHF1 Outer Sheath

e) 150/250V Flame Retardant or Fire Resistant Control and Instrumentation Cables: Class 2 or 5 Conductor, XLPE or Mica/Glass+XLPE Insulation, SHF1 Inner Sheath or Non-Hygroscopic Filler or