SCN - S / SCNV - S CT451 450/750 (900) V

SCN - S 1x6 ^{2}

Reference: 10283843
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CONTACT

Market information
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Railway power wires and cables according to CT 451

STANDARDS

Product IEC 60228

APPLICATION

Single - core and multi - core cables for railway applications intended for connecting equipment on and near the tracks. Lynxeo's cables are designed to allow ease of stripping, facilitating the installation process particularly the intergation with connectors and measurement systems.

An example of an application is the connection of CAUTOR, FORFEX, VCC (clamp lock) or PAULVÉ electromechanical detectors, which detect the passage of a train on the track and even its direction. They can also control any function linked to this passage, such as level crossings, signal control and station point control.

Lynxeo SCN - S and SCNV - S cables are adapted to fit with reinforced copper die - cast lugs designed for railways applications according to SNCF specifications.

DESIGN

1. **Conductor**
   Flexible tinned copper Class 5 according to IEC 60228
   Separator (optional)

2. **Insulation**
   Cross - linked elastomer

   Color coding
   - 1 core: white
   - 4 cores: black, blue, yellow, red
   - 6 or 8 cores: numbers on black cores

   Separator (optional)

3. **Outer sheath**
   Cross - linked elastomer
   Color: black

Example of marking:
SCN - S - x mm ^{2} - CT 451 LYNXEO 269 YY - MM xxx m
or SCNV - S - x mm ^{2} - CT 451 LYNXEO 269 YY - MM xxx m

Conductor flexibility	정격전압 Uo/U (Um)	난연	Oil resistance	U.V resistance	Max.conductor temp.in service	Operating temp.
소프트 레벨 5	450/750 V	C2, NF C 32 - 070 & IEC 60332 - 1	Good	Good	70 ° C	- 30 ... 65 ° C

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CHARACTERISTICS

구조적 특성	
Conductor flexibility	소프트 레벨 5
도체 재료	Tin plated copper
절연	Cross - linked compound
Number of conductors	1
피복	Cross - linked compound
치수	
Maximum outer diameter	8.3 mm
Minimum outer diameter	7.3 mm
Nominal conductor diameter	3.3 mm
Nominal outer diameter	8.0 mm
도체 단면적	6 mm ^{2}
무게(근사치)	99 kg/km
전기적 특성	
정격전압 Uo/U (Um)	450/750 V
Maximum DC resistance at 20 ° C	3.39 Ohm/100m
사용 특성	
난연	C2, NF C 32 - 070 & IEC 60332 - 1
Oil resistance	Good
U.V resistance	Good
Max. conductor temperature in service	70 ° C
操作度范	- 30 ... 65 ° C