

## SPECIAL INSULATED SINGLE CORE FLEXIBLE HALOGEN-FREE (N)SHXAÖ, (N)SHXAFÖ, (N)SHXAFCMÖ CABLES



### TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 250°C
- Rated Voltage: 0,6/1kV - 3,6/6kV
- Min. Bending Radius: 4x Cable Outer Diameter
- Production Standard: EN 50525-2-21, HD 22.4, DIN VDE 0282-4, BS 6500, BS 7919, IEC 60245-4

### CONSTRUCTION

**Conductor:** Electrolytic Annealed, Class 2(NSGAOU) or Class 5(NSGAF..) Stranded Plain Copper Wires

**Screen:** Tinned copper wires braiding for CMÖU Type

**Insulation:** Special Elastomer compound

**Outer Sheath:** HM3 Type Elastomer Compound

### CODE of CABLE

- (N)SHXAÖ, (N)SHXAFÖ, (N)SHXAFCMÖ

### INTRODUCTION

These cables are especially well-suited to short-circuit and grounding connections. Rail vehicles, buses, switch cabinets, continuously working installations, pipelines and pipe work ducts, and dry interiors all employ them.

### SECTION RANGE

- From 1mm<sup>2</sup> up to 300mm<sup>2</sup>

### CONDUCTOR QUANTITY

- These cables can be produced with single core

### COLOUR CODE of CABLE

- Insulation Colours code could be according to the International Standards or customer's request/demand.  
\* Other colours can be produced upon the customer requests.

### FIRE PERFORMANCE Of CABLE SHEATHS

- Cables can be supplied with special flame retardant PVC outer sheath to comply with the flame test requirements of IEC 60332 Category A-B and C.