DEMKA
single source for all electrical needs

(N)TSCGEWÖU (SMK) 3.6/6 - 6/10kV
TRAILING CABLES Acc. DIN/VDE STANDARD

TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 200°C
- Permanent Tensile Force: 15 N/mm²
- Production Standard: DIN/VDE 0250-813

CONSTRUCTION

Conductor: Electrolytic stranded tinned Class 5 copper wire DIN VDE 0295

Separator: Semiconducting layer over power conductors and earth conductors

Insulation: Phase cores are insulated with 3Gl3 compound (acc. to DIN VDE 0207 part 20). Earth cores are not insulated

Separator: Semiconducting layer over phase core insulations

Layup: All cores are laid up in contact with each other and interstitial ground cores

Bedding: Special elastomeric compound GM1b (acc. to DIN VDE 0207 Teil 21)

Separator: Open weave braid for reinforcement

Outer Sheath: Heavy duty elastomer outer sheath 5GM5 (acc. to DIN VDE 0207 Teil 21)

CODE of CABLE

- **(N)TSCGEWÖU (SMK)**

INTRODUCTION

These cables can be used in used in dry, damp and wet places, externally, in where heavy mechanical effects exist, in mines, in lift and transfer rolled trolley systems and similar machines as trailing and feeding cables.

SECTION RANGE

- **From 25mm² up to 120mm²**

CONDUCTOR QUANTITY

- **Three phase cores and three interstitial earth cores laid up together. Cable has heavy-duty inner and outer sheath and open weave braid reinforcement layer.**

COLOUR CODE of CABLE

- Insulation Colour code could be according to the International Standards or customer's request/demand.

NOTE: These cables should not be installed at temperatures below -40°C or above 80°C