SUBMERSIBLE PUMPS

ROUND OR FLAT SHAPED CABLES FOR SUBMERSIBLE PUMPS

- XLPE/EPDM
- EPDM/EPDM
- XLPE/XLPE
- PP/EPDM
- PVC/PVC

Manufactured with the following components/features:
- Rated voltage:
  - 1,8/3 kV
  - 0,6/1 kV
  - 450/750 V
- Bare or tinned copper conductor:
  - extra-flexible stranded
  - flexible stranded
- Colour of insulation according to International Standards or on customer specification
- Tinned copper braid shield
- Armours:
  - steel braid
  - steel wires
- Colour of outer sheath according to International Standards or on customer specification

MINES AND TUNNELING

POWER SUPPLY CABLES FOR FIXED INSTALLATION

- EPR/EPDM
- HEPR/EPDM
- EPDM/EPDM
- EPR/PUR
- HEPR/PUR
- EPDM/PUR

Manufactured with the following components/features:
- Rated voltage:
  - 1,8/3 kV
  - 0,6/1 kV
- Bare or tinned flexible stranded copper conductor
- Colour of insulation according to International Standards or on customer specification
- Earth conductors splitted into 3 in the outer interstices
- Additional control pair/triad
- Bare or tinned copper braid shield:
  - on each core/pair/triad
  - overall
- Outer sheath:
  - colour according to International Standards or on customer specification
  - oil resistant (PUR outer sheaths)
  - abrasion resistant (PUR outer sheaths)

Halogen free cables

- EPR/LSZH
- HEPR/LSZH

Manufactured with the following components/features:
- Rated voltage:
  - 1,8/3 kV
  - 0,6/1 kV
- Bare or tinned flexible stranded copper conductor
- Colour of insulation according to International Standards or on customer specification
- Earth conductors splitted into 3 in the outer interstices
PRODUCTION RANGE

CONTROL CABLES FOR FIXED INSTALLATION

❖ PE/EPDM
❖ XLPE/EPDM
❖ PE/PUR
❖ XLPE/PUR

Manufactured with the following components/features:
❖ Rated voltage:
  • 450/750 V
  • 300/500 V
  • 300/300 V
❖ Bare or tinned flexible stranded copper conductor
❖ Colour of insulation according to International Standards or on customer specification
❖ Shields:
  • bare or tinned copper braid
  • aluminium/polyester tape with tinned copper drain wire
❖ Outer sheath:
  • colour according to International Standards or on customer specification
  • oil resistant (PUR outer sheaths)
  • abrasion resistant (PUR outer sheaths)

❖ PE/LSZH
❖ XLPE/LSZH

Manufactured with the following components/features:
❖ Rated voltage:
  • 450/750 V
  • 300/500 V
  • 300/300 V
❖ Bare or tinned flexible stranded copper conductor
❖ Colour of insulation according to International Standards or on customer specification
❖ Shields:
  • bare or tinned copper braid
  • aluminium/polyester tape with tinned copper drain wire
❖ Outer sheath:
  • colour according to International Standards or on customer specification
  • oil resistant
ROUND OR FLAT SHAPED CABLES FOR SUBMERSIBLE PUMPS

- XLPE/EPDM
- EPDM/EPDM
- XLPE/XLPE

Manufactured with the following components/features:

- Rated voltage:
  - 1,8/3 kV
  - 0,6/1 kV
  - 450/750 V
- Bare or tinned copper conductor:
  - extra-flexible stranded
  - flexible stranded
- Colour of insulation according to International Standards or on customer specification
- Tinned copper braid shield
- Armours:
  - steel braid
  - steel wires
- Colour of outer sheath according to International Standards or on customer specification

ROUND SHAPED CABLES FOR WINDING REELS ON CRANES AND FESTOON SYSTEMS

Power, control and instrumentation cables

- EPDM/EPDM (WINDCABLE)

Manufactured with the following components/features:

- Rated voltage 0,6/1 kV
- Bare or tinned extra-flexible stranded copper conductor
- Colour of insulation according to International Standards or on customer specification
- Bare or tinned copper braid shield:
  - on each pair for instrumentation cables
  - overall
- Not-woven tape
- Textile aramidic braid for carrying support
- Colour of outer sheath according to International Standards or on customer specification
- Optional aramidic rope in central position for vertical applications with high mechanical stresses

FLAT SHAPED CABLES FOR FESTOON SYSTEMS AND BRIDGE CRANES

Power, control and instrumentation cables

- EPDM/EPDM
- XLPE/EPDM

Manufactured with the following components/features:

- Rated voltage:
  - 0,6/1 kV
  - 450/750 V
  - 300/500 V
  - 300/300 V
- Bare or tinned copper conductor:
  - extra-flexible stranded
  - flexible stranded
- Colour of insulation according to International Standards or on customer specification
- Bare or tinned copper braid shield on each core or on each pair/triad group
- Colour of outer sheath according to International Standards or on customer specification
- Optional aramidic ropes in lateral positions for vertical applications with high mechanical stresses
ROUND SHAPED CABLES FOR PENDANT PUSH BUTTON ON BRIDGE CRANES

Control cables

♦ EPDM/EPDM

Manufactured with the following components/features:

► Rated voltage:
  • 450/750 V
  • 300/500 V
  • 300/300 V

► Bare or tinned extra-flexible stranded copper conductor

► Colour of insulation according to International Standards or on customer specification

► Colour of outer sheath according to International Standards or on customer specification

► Steel ropes in lateral positions

ROUND SHAPED CABLES FOR CRANES WITH BASKET COLLECTOR

Power, control and instrumentation cables

♦ EPDM/EPDM

Manufactured with the following components/features:

► Rated voltage:
  • 0.6/1 kV
  • 450/750 V
  • 300/500 V

► Bare or tinned extra-flexible stranded copper conductor

► Colour of insulation according to International Standards or on customer specification

► Bare or tinned copper braid shield:
  • on each pair for instrumentation cables
  • overall

► Not-woven tape

► Textile aramidic braid for carrying support

► Colour of outer sheath according to International Standards or on customer specification

► Optional aramidic rope in central position for vertical applications with high mechanical stresses

CHAIN CABLES FOR POWER AND CONTROL

♦ XLPE/PUR (DYNACABLE)

Manufactured with the following components/features:

► Rated voltage:
  • 0.6/1 kV
  • 450/750 V
  • 300/500 V
  • 300/300 V

► Extra-flexible stranded bare or tinned copper conductor

► Colour of insulation according to International Standards or on customer specification

► Bare or tinned copper braid shield

► Not-woven tape

► Outer sheath:
  • colour according to International Standards or on customer specification
  • oil resistant
  • abrasion resistant
  • low temperature resistant
CABLES FOR MOBILE APPLICATIONS WITH HIGH DYNAMICAL STRESSES

- HY/PUR (TORFLES)

Manufactured with the following components/features:
- Rated voltage:
  - 0.6/1 kV
  - 450/750 V
  - 300/500 V
  - 300/300 V
- Extra-flexible stranded bare or tinned copper conductor
- Colour of insulation according to International Standards or on custom specification
- Bare or tinned copper braid shield
- Not-woven tape
- Outer sheath:
  - colour according to International Standards or on customer specification
  - oil resistant
  - abrasion resistant
  - low temperature resistant

FLAT AND ROUND CABLES FOR LIFTS APPLICATIONS

- EPR/LSZH (LIFTCABLE HF)
- EPDM/EPDM

Manufactured with the following components/features:
- Rated voltage:
  - 0.6/1 kV
  - 450/750 V
  - 300/500 V
- Central kevlar carrying rope
- Bare or tinned extra-flexible stranded copper conductor
- Colour of insulation according to International Standards or on customer specification
- Not-woven tape
- Colour of outer sheath according to International Standards or on customer specification

WIRING

WIRING CABLES FOR GENERAL USE

- PVC/PVC
- XLPE/PVC
- PVC/PUR
- XLPE/PUR
- PUR/PUR
- XLPE/LSZH

Manufactured with the following components/features:
- Rated voltage:
  - 300/500 V
  - 300/300 V
  - 150/250 V
  - 100/100 V
- Bare or tinned copper conductor:
  - extra-flexible stranded
  - flexible stranded
- Colour of insulation according to International Standards or on customer specification
- Shields:
  - aluminium/polyester tape with tinned copper drain wire
  - bare or tinned copper braid
  - aluminium/polyester tape with tinned copper drain wire + bare or tinned copper braid
  - bare or tinned copper wires
- Steel braid armour
- Colour of outer sheath according to International Standards or on customer specification