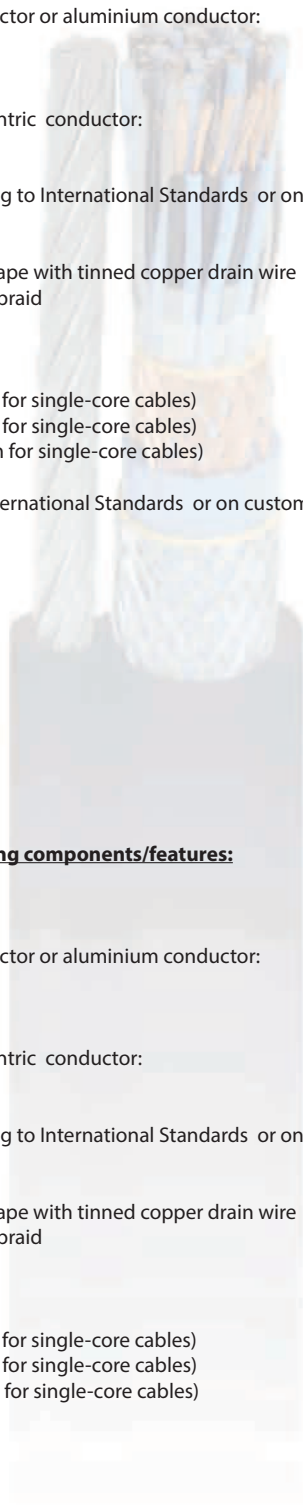
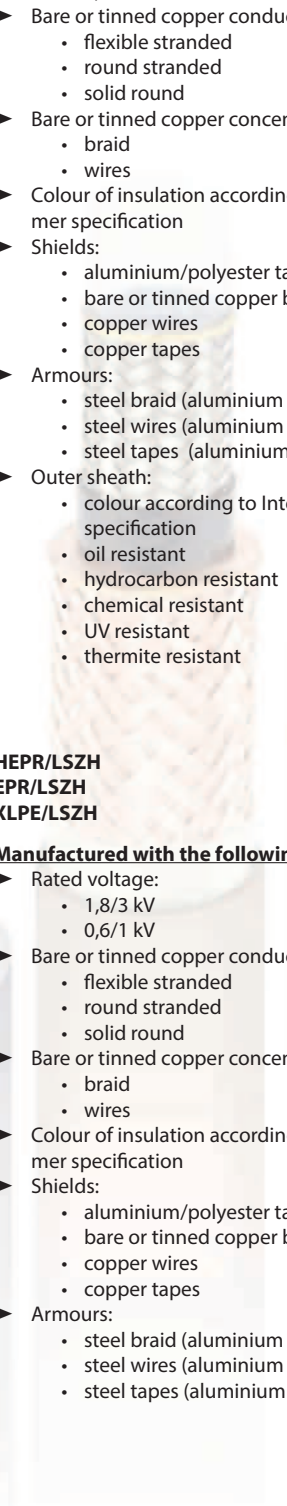
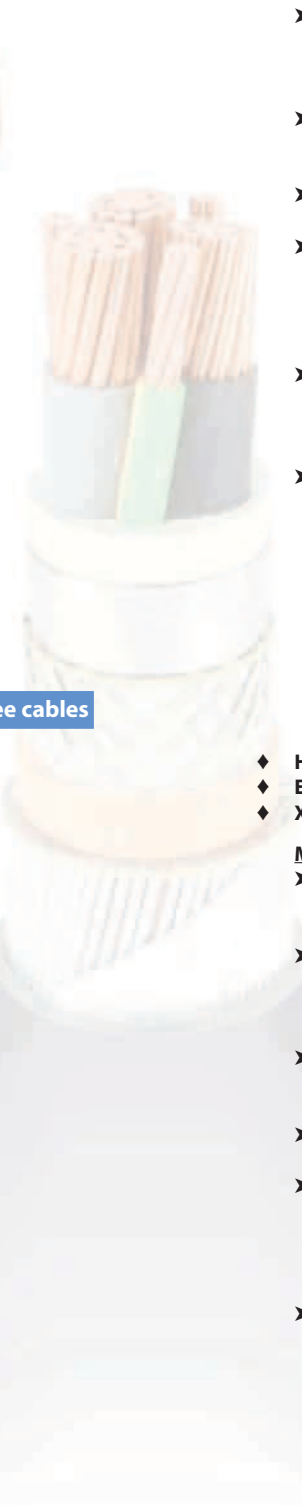


**POWER SUPPLY & CONTROL - Industrial**

**POWER SUPPLY CABLES**



**Halogen free cables**



- ◆ HEPR/PVC
- ◆ PVC/PVC
- ◆ XLPE/PVC
- ◆ EPDM/EPDM

**Manufactured with the following components/features:**

- Rated voltage:
  - 1,8/3 kV
  - 0,6/1 kV
- Bare or tinned copper conductor or aluminium conductor:
  - flexible stranded
  - round stranded
  - solid round
- Bare or tinned copper concentric conductor:
  - braid
  - wires
- 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
  - copper wires
  - copper tapes
- Armours:
  - steel braid (aluminium for single-core cables)
  - steel wires (aluminium for single-core cables)
  - steel tapes (aluminium for single-core cables)
- Outer sheath:
  - colour according to International Standards or on customer specification
  - oil resistant
  - hydrocarbon resistant
  - chemical resistant
  - UV resistant
  - thermite resistant

- ◆ HEPR/LSZH
- ◆ EPR/LSZH
- ◆ XLPE/LSZH

**Manufactured with the following components/features:**

- Rated voltage:
  - 1,8/3 kV
  - 0,6/1 kV
- Bare or tinned copper conductor or aluminium conductor:
  - flexible stranded
  - round stranded
  - solid round
- Bare or tinned copper concentric conductor:
  - braid
  - wires
- 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
  - copper wires
  - copper tapes
- Armours:
  - steel braid (aluminium for single-core cables)
  - steel wires (aluminium for single-core cables)
  - steel tapes (aluminium for single-core cables)

- Outer sheath:
  - colour according to International Standards or on customer specification
  - oil resistant
  - hydrocarbon resistant
  - chemical resistant
  - UV resistant
  - thermite resistant

## Fire resistant/circuit integrity cables

- ◆ **MGT/HEPR/LSZH**
- ◆ **MGT/EPR/LSZH**
- ◆ **MGT/XLPE/LSZH**

### Manufactured with the following components/features:

- Rated voltage:
  - 1,8/3 kV
  - 0,6/1 kV
- Bare or tinned copper conductor or aluminium conductor:
  - flexible stranded
  - round stranded
  - solid round
- Fire resistance according to:
  - IEC 60331-21
  - CEI EN 50200 or CEI EN 50362
- Bare or tinned copper concentric conductor:
  - braid
  - wires
- 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
  - copper wires
  - copper tapes
- Armours:
  - steel braid (aluminium for single-core cables)
  - steel wires (aluminium for single-core cables)
  - steel tapes (aluminium for single-core cables)
- Outer sheath:
  - colour according to International Standards or on customer specification
  - oil resistant
  - hydrocarbon resistant
  - chemical resistant
  - UV resistant
  - thermite resistant

## Cables for low-temperature applications

- ◆ **EPDM/EPDM**
- ◆ **HEPR/PVC**
- ◆ **PVC/PVC**
- ◆ **EPR/LSZH**
- ◆ **XLPE/PVC**
- ◆ **XLPE/LSZH**

### Manufactured with the following components/features:

- Rated voltage:
  - 1,8/3 kV
  - 0,6/1 kV
- Bare or tinned copper conductor or aluminium conductor:
  - flexible stranded
  - round stranded
  - solid round
- Fire resistance according to:
  - IEC 60331-21
  - CEI EN 50200 or CEI EN 50362
- Bare or tinned copper concentric conductor:
  - braid
  - wires



**CONTROL CABLES**

- 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
  - copper wires
  - copper tapes
- Armours:
  - steel braid (aluminium for single-core cables)
  - steel wires (aluminium for single-core cables)
  - steel tapes (aluminium for single-core cables)
- Outer sheath:
  - colour according to International Standards or on customer specification
  - PVC and LSZH sheath available in versions ARCTIC -40 °C or ARCTIC -60 °C
  - oil resistant
  - hydrocarbon resistant
  - chemical resistant
  - UV resistant
  - thermite resistant

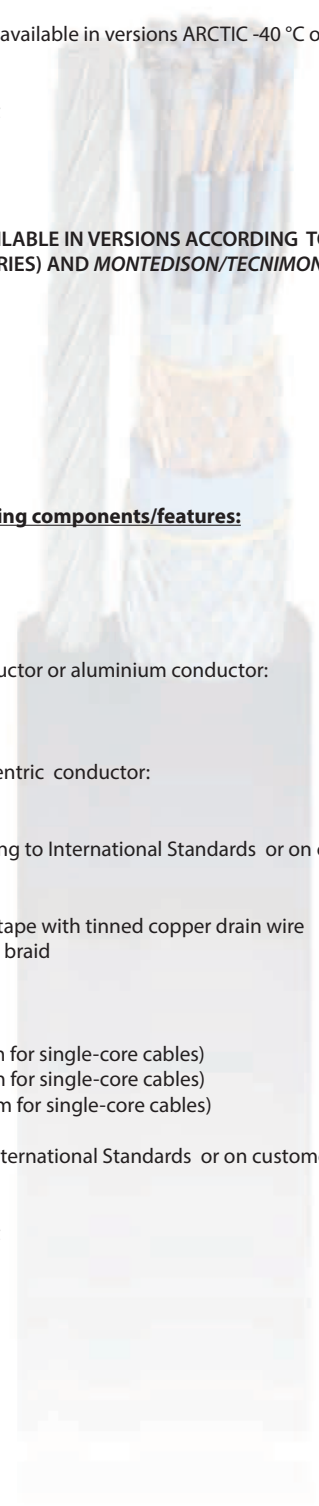
POWER SUPPLY CABLES ARE ALSO AVAILABLE IN VERSIONS ACCORDING TO NUOVO PIGNONE STANDARDS (RCO SERIES) AND MONTEDISON/TECNIMONT-MEU TM STANDARDS (BN SERIES)



- ◆ HEPR/PVC
- ◆ PVC/PVC
- ◆ XLPE/PVC
- ◆ EPDM/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 or aluminium conductor:
  - flexible stranded
  - round stranded
  - solid round
- Bare or tinned copper concentric conductor:
  - braid
  - wires
- 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
  - copper wires
  - copper tapes
- Armours:
  - steel braid (aluminium for single-core cables)
  - steel wires (aluminium for single-core cables)
  - steel tapes (aluminium for single-core cables)
- Outer sheath:
  - colour according to International Standards or on customer specification
  - oil resistant
  - hydrocarbon resistant
  - chemical resistant
  - UV resistant
  - thermite resistant



**Halogen free cables**

- ◆ **HEPR/LSZH**
- ◆ **EPR/LSZH**
- ◆ **XLPE/LSZH**

**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 or aluminium conductor:
  - flexible stranded
  - round stranded
  - solid round
- Bare or tinned copper concentric conductor:
  - braid
  - wires
- 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
  - copper wires
  - copper tapes
- Armours:
  - steel braid (aluminium for single-core cables)
  - steel wires (aluminium for single-core cables)
  - steel tapes (aluminium for single-core cables)
- Outer sheath:
  - colour according to International Standards or on customer specification
  - oil resistant
  - hydrocarbon resistant
  - chemical resistant
  - UV resistant
  - thermite resistant

**Fire resistant/circuit integrity cables**

- ◆ **MGT/HEPR/LSZH**
- ◆ **MGT/EPR/LSZH**
- ◆ **MGT/XLPE/LSZH**

**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 or aluminium conductor:
  - flexible stranded
  - round stranded
  - solid round
- Fire resistance according to:
  - IEC 60331-21
  - CEI EN 50200 or CEI EN 50362
- Bare or tinned copper concentric conductor:
  - braid
  - wires
- 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
  - copper wires
  - copper tapes
- Armours:
  - steel braid (aluminium for single-core cables)
  - steel wires (aluminium for single-core cables)
  - steel tapes (aluminium for single-core cables)



- Outer sheath:
  - colour according to International Standards or on customer specification
  - oil resistant
  - hydrocarbon resistant
  - chemical resistant
  - UV resistant
  - thermite resistant

## Cables for low-temperature applications

- ◆ EPDM/EPDM
- ◆ HEPR/PVC
- ◆ PVC/PVC
- ◆ EPR/LSZH
- ◆ XLPE/PVC
- ◆ XLPE/LSZH

### 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 or aluminium conductor:
  - flexible stranded
  - round stranded
  - solid round
- Fire resistance according to:
  - IEC 60331-21
  - CEI EN 50200 or CEI EN 50362
- Bare or tinned copper concentric conductor:
  - braid
  - wires
- 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
  - copper wires
  - copper tapes
- Armours:
  - steel braid (aluminium for single-core cables)
  - steel wires (aluminium for single-core cables)
  - steel tapes (aluminium for single-core cables)
- Outer sheath:
  - colour according to International Standards or on customer specification
  - PVC and LSZH sheath available in versions ARCTIC -40 °C or ARCTIC -60 °C
  - oil resistant
  - hydrocarbon resistant
  - chemical resistant
  - UV resistant
  - thermite resistant

CONTROL CABLES ARE ALSO AVAILABLE IN VERSIONS ACCORDING TO NUOVO PIGNONE STANDARDS (RCO SERIES) AND MONTEDISON/TECNIMONT-MEU TM STANDARDS (BN SERIES)

## EARTHING CABLES

Insulated

- ◆ HEPR
- ◆ EPR
- ◆ PVC

### 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
  - round stranded
- Insulation:
  - colour according to International Standards or on customer specification
  - oil resistant
  - hydrocarbon resistant
  - UV resistant

Not insulated for ground connections

- ◆ Bare or tinned copper ropes
- ◆ Bare or tinned copper flat braids

## ELECTRONIC AND WIRING CABLES

- ◆ PVC/PVC (LIYY, LIYCY, LIY(ST)CY)

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

## FLAT AND ROUND CABLES FOR LIFTS APPLICATIONS

- ◆ XLPE/PVC (LIFTCABLE)
- ◆ EPR/LSZH (LIFTCABLE HF)
- ◆ EPDM/EPDM
- ◆ PVC/PVC

### 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

## STRANDED CABLES

- ◆ XLPE/XLPE
- ◆ XLPE/PVC
- ◆ HEPR/PVC

**Manufactured with the following components/features:**

- Rated voltage 0,6/1 kV
- Bare or tinned copper conductor:
  - flexible stranded
  - round stranded
- Colour of insulation according to International Standards or on customer specification
- Carrying insulated alloy element
- Outer sheath on each insulated core/element:
  - colour according to International Standards or on customer specification
  - UV resistant



- ◆ PVC (BARFLEX)
- ◆ LSZH (BARFLEX HF)

**Manufactured with the following components/features:**

- Rated voltage 0,6/1 kV
- Bare or tinned copper lamels conductor
- Colour of insulation: black or according to International Standards or on customer specification

