



POWER CABLES



052XZ1-F

✓STUDIO ✓INSTALLATION

PVC

OFC

APPLICATION

These cables are not mechanical effects in the building, underground, power centers and industrial facilities used as power and control cables. The halogen free insulation materials produces neither corrosive non toxic gas

CONSTRUCTION DATA

Conductor	Stranded Copper Wire (HD 383 S2 Class 5)
Conductor Insulation	XLP Compound (EN 50290-2-29
Core identification	HD 308 S2
Outer Sheath	Hffr Compound (EN 50290-2-27)

ELECTRICAL DATA

Operating voltage	300/500 V
Test voltage	2 kV
Insulation Resistance	> 2000 MΩ x km

Core Numbers x Section	Outer Diameter	Conductor Resistance	Weight	Current Carrying Capacity
mm ²	mm ²	Ω / km	Kg / Km	A
2 x 1,5	8.9	13.3	117	22
2 x 2,5	9.8	7.98	150	30
2 x 4	10.0	4,95	171	40
3 x 1,5	9.3	13.3	131	22
3 x 2,5	10.3	7.98	173	30
3 x 4	11.7	4,95	140	40
4 x 1,5	10.0	13.3	152	18.5
4 x 2,5	11.3	7.98	203	25
4 x 4	12.1	4,95	260	34
5 x 1,5	10.1	13.3	145	18.5
5 x 2,5	10.9	7.98	200	25
5 x 4	13.3	4,95	308	34

MECHANICAL DATA

Minimum bending radius	10 x D (D= outer diameter)
Temperature range	-30° C to + 70° C
Short-circuit temperature Max.	160°C
Flame retardant	IEC 60332-1-2
Low smoke density	IEC 61034-1
Halogen-free	IEC 60754-1-2

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