

Power cable < 1 kV, for flexible applications Ecoflex CPR HCH-OZ B2ca



Application : Flexible control cable for industrial and security installations, cable is completely halogenfree. Low smoke and flame retardant acc. to IEC 60332-1-2 and IEC 60332-3-24. The material can be recycled and is eco-friendly.

TECHNICAL DATA : TYPE HCH-OZ B2ca

Standards : CPR

Remarks : Ozone resistant acc. to EN50396. CPR class B2ca.

Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyolefin
Protective conductor	: No
Core identification	: Numbers
Suspension element	: None
Inner sheath	: No
Screen over stranding element	: None
Screen	: Yes
Model	: Round
Screen over stranding	: Braiding
Flame retardant	: In accordance with EN 60332-3-24
Material outer sheath	: Polyolefin
Halogen free (acc. EN 60754-1/2)	: Yes
Oil resistant (acc. EN 60811-404)	: No
Low smoke (acc. BS EN 61034-2)	: Yes
Low temperature resistant (acc. EN 60811-504+505+506)	: No
Smoke development class according to EN 13501-6	: s1
Permitted cable outer temperature during assembling/handling	: -15°C to 70°C
Permitted cable outer temperature after assembling without vibration	: -40°C to 70°C
Max. conductor temperature	: 70°C
Euro class acidity according to EN 13501-6	: a1
Nominal voltage U0	: 500V
Core protecton	: No
Nominal voltage U	: 500V
Reaction-to-fire class according to EN 13501-6	: B2ca
Euro class flaming droplets/particles according to EN 13501-6	: d1



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Conductor surface	: Bare
Specification core insulation	: Other
	: No
Specification material outer sheath	: Other
	: Round
Shape of conductor	: Round



ProductNr	Dimension	Colour outer sheath	Outer diameter approx. (mm)
0181302	2 x 0.5	Grey	5.5
0183402	2 x 0.75	Blue	5.9
0181402	2 x 0.75	Grey	5.8
0183404	4 x 0.75	Blue	6.9
0183406	6 x 0.75	Blue	8.2
0183502	2 x 1	Blue	6.3
0181502	2 x 1	Grey	6.1
0183504	4 x 1	Blue	7.3
0183506	6 x 1	Blue	8.7
0181602	2 x 1.5	Grey	6.9
0181702	2 x 2.5	Grey	8.3