

Power cable < 1 kV, for flexible applications Ecoflex CPR HCH-O Cca



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-O Cca
Standards	: CPR
Remarks	: Ozone resistant acc. to EN50396. CPR class Cca.
Conductor material	: Copper, bare
Conductor category	: Class 5 = flexible
Stranding element	: No
Core insulation material	: Polyolefin
Protective conductor	: No
Core identification	: Colour
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
Colour outer sheath	: Grey
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
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
Nominal voltage U ₀	: 500V
Core protecton	: No
Nominal voltage U	: 300V
Reaction-to-fire class according to EN 13501-6	: Cca
Conductor surface	: Bare
Specification core insulation	: Other



Specification material outer sheath : No
 : Other
 Shape of conductor : Round
 : Round

ProductNr	Dimension	Outer diameter approx. (mm)	Smoke development class according to EN 13501-6	Euro class acidity according to EN 13501-6	Euro class flaming droplets/particles according to EN 13501-6
0181103	3 x 0.25	4.5	S1	A1	D0
0181107	7 x 0.25	5.8	s1	a1	d0
0181202	2 x 0.34	4.4	s1	a1	d0
0181204	4 x 0.34	5	s1	a1	d0
0181210	10 x 0.34	7.6	s1	a1	d0