

Product	HCG2 1C/V - 1,40 mm			Sanction - IEC 60317-48	
Dimensional properties checked following IEC 60851-2	Conductor diameter	Average value	1,400	1,386 - 1,414 mm	
	Overall diameter	Average value	1,620	< 1,676 mm	
	Increase due to insulation	Average value	0,22	> 0,171 mm	
	Roundness of conductor		0,01	< 0,014 mm	
Mechanical properties checked following IEC 60851-3	Adherence	Jerk test	OK	No loss of adhesion or crack	
	Flexibility	Pre-elongation	0% - OK	Mandrel (mm) 14,00	No cracks - Pre-elongation 0% - 10 time wire diameter
	Elongation		35%		> 20 %
	Springiness				Test inappropriate
	Unidirectional abrasion	Mini		Average	Test inappropriate
Electrical properties checked following IEC 60851-5	Breakdown voltage	Shot bath (mandrel 25 mm)	5,0 - 5,2 - 6,0 - 6,1 - 5,9 kV	> 1,26 kV	
	Electrical resistance		0,01110 Ohm	0,01079 - 0,01143 Ohm	
Thermal properties checked following IEC 60851-6	Cut Through			Test inappropriate	
	Heat shock	Pre-elongation	Mandrel (mm)	Temperature	Test inappropriate
Chemical properties checked following IEC 60851-4	Resistance to solvents			Test inappropriate	
	Heat bonding			Test inappropriate	
	Solderability			Test inappropriate	