CERVISIL SIHF-C
High temperature applications

Construction

Conductor	Flexible tinned copper wires
	Class V acc. to EN-60228
Insulation	Silicone rubber
	Identification: HD 308 S2 (See attached table)
Assembly	Insulated conductors laid up together
Screen	Tinned copper wire braid
Outer sheath	Silicone rubber
	Colour: Black
	(*Codes finished with "J", reddish brown colour)

Technical characteristics

Operating voltage	300/500 V
Operating T^{a}	-60°C to +180°C
Min. bending radius	6xD

Application

Screened flexible multicore heat-resistant silicone insulated cable for high temperature applications (up to 180°C) when a good protection against electromagnetic interferences is required, in appliances, furnaces, machinery, etc.

Standards / Properties

Conductor	EN 60228
Flame Retardant	UNE-EN 60332-1-2 (IEC 60332-1-2)
Halogen free	UNE-EN 60754-1 (IEC 60754-1)

halogen free · flexible cable · electromagnetic protection · high temperature resistant

[1800]
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Code:
Family: 276
Revision: 3
Date: 21/01/2019

Realized: **Approved:**

Datos Constructivos

Code*	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
27604700	2x0.5	6.6	60	40.1
27607600	3G0.5	7.0	72	40.1
27612500	4G0.5	7.5	86	40.1
27615500	5G0.5	8.1	107	40.1
27617800	6G0.5	8.7	124	40.1
27619300	7G0.5	8.7	134	40.1
27605200	2x0.75	7.0	72	26.7
27608100	3G0.75	8.4	88	26.7
27613000	4G0.75	8.0	114	26.7
27616000	5G0.75	8.7	135	26.7
27617900	6G0.75	9.5	153	26.7
27619400	7G0.75	9.5	166	26.7
27605400	2x1	7.3	80	20
27608300	3G1	7.7	105	20
27613200	4G1	8.4	129	20
27616100	5G1	9.1	150	20
2761610J	5G1	9.1	150	20
27618000	6G1	10.2	173	20
27619500	7G1	10.2	189	20
27605500	2x1.5	7.9	105	13.7
2760550J	2x1.5	7.9	105	13.7
2760840J	3G1.5	8.4	128	13.7
27613300	4G1.5	9.1	158	13.7
2761330J	4G1.5	9.1	158	13.7
27616200	5G1.5	10.	188	13.7
27618100	6G1.5	11.3	228	13.7
2761960J	7G1.5	11.3	258	13.7
27605700	2x2.5	9.5	150	8.21
27608600	3G2.5	10.3	189	8.21
2760860J	3G2.5	10.3	189	8.21
27613500	4G2.5	11.4	249	8.21
	4x2.5	11.4	249	8.21
27616300	5G2.5	12.6	293	8.21
27618300	6G2.5	13.6	337	8.21
27619700	7G2.5	13.6	367	8.21
27626200	12G2.5			
27605800	2x4	11.0	220	5.09
27608800	3G4	11.9	281	5.09
27613700	4G4	13.1	367	5.09
27616400	5G4	14.3	438	5.09
27618400	6G4	15.7	506	5.09
27619800	7G4	15.7	561	5.09
27605900	2x6	12.6	316	3.39
27608900	3G6	13.4	407	3.39

[1800]
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Code*	NxS (mm2)	Ø (mm)	Weight (kg/km)	R at 20°C (Ohm/Km)
27613800	4G6	14.8	509	3.39
27616500	5G6	16.1	636	3.39
27618600	6G6	17.7	745	3.39
27619900	7G6	17.7	827	3.39
2761410J	4G25	35	1966	0.795

Leyenda

Code*	(*) Colour identification number
NxS (mm2)	Number of conductors x Section (mm2)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)
R at 20°C (Ohm/Km)	Conductor resistance at 20ºC (Ohm/km)

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