



Construction

Conductor	Flexible bare copper wires Class V Acc. to UNE-EN 60228
Insulation	XLPE (Type DIX-3) Identification: HD 308 S2 (See colour table)
Assembly	Insulated conductors laid up together in concentric layers
Screen	Steel wire braid Coverage: 60% aprox.
Outer sheath	Halogen Free Compound Colour: Green (Otros colores bajo demanda)

Technical characteristics

Operating voltage	600/1000 V
Test Voltage	3500 V
Operating T^a (conductor)	Fixed installation: -15°C to +90°C During Installation: 0°C Minimum Shortcut (Max. 5 seg): 250°C
Min. bending radius	8xD

Application

Flexible shielded power and control cable, designed for use in industrial processes in fixed installations. Especially recommended when good electromagnetic protection and a good fire performance is required.

Standards

Design	Special design, according IEC 60502-1
Flame Retardant	UNE-EN 60332-1 (IEC 60332-1)
Fire Retardant	UNE-EN 60332-3 (IEC 60332-3)
Halogen free	UNE-EN 60754-1 (IEC 60754-1)
Low corrosivity	UNE-EN 60754-2 (IEC 60754-2) (pH >= 4,3 ; conductivity=< 10µS/mm)
Low smoke emission	UNE-EN 61034 (IEC 61034)



Constructive Data

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	Rt (Ohm/Km)
31805505	2x1.5	9.9	96	13.3
31805502	2x1.5 Grey	9.9	96	13.3
31805500	2x1.5 Black	9.9	96	13.3
31808405	3G1.5	10.4	117	13.3
31808402	3G1.5 Grey	10.4	117	13.3
31813315	4x1.5	11.1	141	13.3
31813305	4G1.5	11.1	141	13.3
31816215	5x1.5	12	137	13.3
31816205	5G1.5 Grey	12	137	13.3
31821405	8G1.5			13.3
31826105	12G1.5			13.3
31830105	19G1.5			13.3
31839305	37G1.5			13.3
31805705	2x2.5	10.1	122	7.98
31808615	3x2.5	10.7	172	7.98
31808605	3G2.5	10.7	172	7.98
31813505	4G2.5	11.6	183	7.98
3181350F	4x2.5	11.6	183	7.98
31816305	5G2.5	12.6	233	7.98
31819705	7G2.5	13.6	324	7.98
31821505	8G2.5			
31826205	12G2.5	17.6	907	7.98
31828705	16G2.5	19.5	678	7.98
31833405	24G2.5			
31805805	2x4	11.4	179	4.95
31808815	3x4	12.0	228	4.95
31808805	3G4	12.0	258	4.95
31813705	4G4	13.1	284	4.95
31813702	4G4 Grey	13.1	284	4.95
3181370F	4x4	13.1	284	4.95
31816405	5G4	14.2	337	4.95
31819805	7G4	15.4	436	4.95
31826405	12G4	20.0	698	4.95
31801705	1x6	8	120	3.3
31801702	1x6 Gris	8	120	3.3
31801700	1x6 Black	8	120	3.3
31801706	1x6 Blue	8	120	3.3
31801707	1x6 Brown	8	120	3.3
31805905	2x6	13.5	202	3.3
31805900	2x6 Black	13.5	202	3.3
31808915	3x6	14.3	286	3.3
31808905	3G6	14.3	286	3.3

Code	NxS (mm ²)	Ø (mm)	Weight (kg/km)	Rt (Ohm/Km)
31813815	4x6	15.8	355	3.3
31813805	4G6	15.8	355	3.3
31816505	5G6	17.2	431	3.3
31819905	7G6	19.2	681	3.3
31801805	1x10	8.7	231	3.3
31806005	2x10	14.8	296	3.3
31806000	2x10 Black	14.8	296	3.3
31809015	3x10	15.8	422	3.3
31809005	3G10	15.8	422	3.3
31813905	4G10	17.2	529	3.3
31816605	5G10	18.8	619	3.3
31801905	1x16	10.2	300	1.91
31806105	2x16	17	436	1.91
31809115	3x16	18.1	594	1.91
31814005	4G16	20	755	1.91
31814002	4G16 Grey	20	755	1.91
31816705	5G16	21.7	928	1.91
31816700	5G16 Black	21.7	928	1.91
31802005	1x25	12.1	389	0.78
31806200	2x25	19.6	657	0.78
31814105	4G25	24.5	1079	0.78
31814102	4G25 Grey	24.5	1079	0.78
31816805	5G25	25.7	1387	0.78
31802105	1x35	13.3	489	0.554
31802106	1x35 Azul	13.3	483	0.554
31806300	2x35			0.554
31814205	4G35	25	1195	0.554
31816905	5G35	29.8	1905	0.554
31802205	1x50	15.3	637	0.386
31814305	4G50	30.1	2037	0.386
31802305	1x70	17.4	835	0.272
31814405	4G70	35	2804	0.272
31802405	1x95	19	1098	0.206
31814505	4G95	40.2	3741	0.206
31814500	4G95 Black	40.2	3741	0.206
31802505	1x120	21.6	1331	0.161
31802605	1x150	23.7	1628	0.129

Code	NxS (mm2)	Ø (mm)	Weight (kg/km)	Rt (Ohm/Km)
31809805	3x150	45.1	4457	0.129
31802705	1x185	26.2	1975	0.106
31809905	3x185	50.5	5732	0.106
31802805	1x240	29.1	2514	0.0801

Legend

Code	Cervi codification
NxS (mm2)	Number of conductors x Section (mm2)
Ø (mm)	Aprox. outer diameter (mm)
Weight (kg/km)	Approximate cable weight (kg/km)
Rt (Ohm/Km)	Conductor resistance at 20°C (Ohm/km)

Colour Table

N° CONDUCTORS	INSULATION COLOUR
2x	Blue, Brown
3G	Blue, Brown, Yellow/Green
3x	Brown, Black, Grey
4G	Brown, Black, Grey, Yellow/Green
4x	Blue, Brown, Black, Grey
> 5 (G)	Black numbered + Yellow/Green
> 5 (x)	Black numbered