

GSC003 – CONCENTRIC-LAY-STRANDED BARE CONDUCTORS

LOCAL SECTION – CELG D

In addition on what specified in the common part and Local Section A - LATAM, the following requirements are prescribed:

COMMON LIST

Distribution Company and Country	Country Code	Standard	Type	Size			Code Words	Class	Aluminum Wires			Steel Wires			Aluminum-Alloy Wires		Copper Wires		Outside Diameter (mm)	Total Mass (kg/km)	Rated Strength (kN)	DC Resistance (Ω/km)	
				Kemil	AWG	mm²			Number	Diameter	Layers	Number	Diameter	Layers	Type	Number	Diameter	Number					Diameter
GO - Brazil	2311	ASTM B232/B232M	ACSR	-	4	-	Swan	AA	6	2,12	1	1	2,12	0	ACSR/GA-ACSR	-	-	-	-	6,36	85,6	8,3	1,3545
GO - Brazil	2309	ASTM B232/B232M	ACSR	-	2	-	Sparrow	AA	6	2,67	1	1	2,67	0	ACSR/GA-ACSR	-	-	-	-	8,01	135,8	12,65	0,8541
GO - Brazil	2308	ASTM B232/B232M	ACSR	-	1/0	-	Raven	AA	6	3,37	1	1	3,37	0	ACSR/GA-ACSR	-	-	-	-	10,11	216,2	19,46	0,5360
GO - Brazil	2310	ASTM B232/B232M	ACSR	-	2/0	-	Quail	AA	6	3,78	1	1	3,78	0	ACSR/GA-ACSR	-	-	-	-	11,34	272,0	23,53	0,4261
GO - Brazil	2312	ASTM B232/B232M	ACSR	-	4/0	-	Penguin	AA	6	4,77	1	1	4,77	0	ACSR/GA-ACSR	-	-	-	-	14,31	433,2	37,06	0,2676
GO - Brazil	30925	ASTM B232/B232M	AACSR	101,8	-	-	Petrel	AA	12	2,34	2	7	2,34	1	AACSR/GA-AACSR	-	-	-	-	11,70	378,1	46,20	0,5613
GO - Brazil	2314	ASTM B232/B232M	ACSR	266,8	-	-	Partridge	AA	26	2,57	2	7	2,0	1	ACSR/GA-ACSR	-	-	-	-	16,28	545,5	50,11	0,2148
GO - Brazil	4452	ASTM B232/B232M	ACSR	300	-	-	Ostrich	AA	26	2,73	2	7	2,12	1	ACSR/GA-ACSR	-	-	-	-	17,27	614,4	56,57	0,1906
GO - Brazil	2672	ASTM B232/B232M	ACSR	336,4	-	-	Linnet	AA	26	2,89	2	7	2,25	1	ACSR/GA-ACSR	-	-	-	-	18,31	689,9	62,91	0,1699
GO - Brazil	2315	ASTM B232/B232M	ACSR	397,5	-	-	Ibis	AA	26	3,14	2	7	2,44	1	ACSR/GA-ACSR	-	-	-	-	19,88	813,5	72,42	0,1439
GO - Brazil	14589	ASTM B232/B232M	ACSR	795	-	-	Drake	AA	26	4,44	2	7	3,45	1	ACSR/GA-ACSR	-	-	-	-	28,11	1626,5	139,7	0,0720
GO - Brazil	2318	ASTM B231/B231M	AAC	-	4	-	Rose	AA	7	1,96	1	-	-	-	-	-	-	-	5,88	58,2	0,039	1,3606	
GO - Brazil	2317	ASTM B231	AAC	-	2	-	Iris	AA	7	2,47	1	-	-	-	-	-	-	-	7,41	92,5	0,0599	0,8567	
GO - Brazil	2316	ASTM B231/B231M	AAC	-	1/0	-	Poppy	AA	7	3,12	1	-	-	-	-	-	-	-	9,36	147,6	0,0884	0,5369	
GO - Brazil	504477	ASTM B231/B231M	AAC	-	2/0	-	Aster	AA	7	3,50	1	-	-	-	-	-	-	-	10,50	185,7	0,1112	0,4267	
GO - Brazil	2319	ASTM B231/B231M	AAC	336,4	-	-	Tulip	A	19	3,38	2	-	-	-	-	-	-	-	16,90	470,0	0,2727	0,1686	
GO - Brazil	25396	ASTM B8	Cu	-	-	16	-	2A	-	-	-	-	-	-	-	-	-	7	1,70	5,10	142,0	1,1700	
GO - Brazil	25397	ASTM B8	Cu	-	-	25	-	2A	-	-	-	-	-	-	-	-	-	7	2,06	6,18	209,0	0,7950	
GO - Brazil	29832	ASTM B8	Cu	-	-	50	-	2A	-	-	-	-	-	-	-	-	-	7	3,00	9,00	444,0	0,3750	
GO - Brazil	25031	ASTM B8	Cu	-	-	70	-	3A	-	-	-	-	-	-	-	-	-	19	2,12	10,60	606,0	0,2760	