

Adjustable Cable Glands for SWA Cables to SABS 1507			
Cable size in mm2	Number of cores	Gland or Box size	Max bedding dia. Mm
1,5mm	2,3,4 & 5	0	12,6
	7	1	15,7
	12	2	20,4
	19 & 27	3	26,3
	37	4	34,7
2,5mm	2 & 3	0	12,6
	4*	0 or 1	12,6/15,7
	5 & 7	1	15,7
	12 & 19	3	26,3
	27 & 37	4	34,7
4mm	2*	0 or 1	12,6/15,7
	3,4 & 5	1	15,7
	7	2	20,4
	12	3	26,3
	19*	3 or 4	26,3/34,7
	27	4	34,7
	37	4 or 5	34,7/43,3
6mm	2 & 3	1	15,7
	4,5 & 7	2	20,4
10mm	2*	1 or 2	15,7/20,7
	3 & 4	2	20,4
16mm	2 & 3	2	20,4
	4*	2 or 3	20,4/26,3
25mm	3 & 4	3	26,3
35mm	3	3	26,3
	4*	3 or 4	26,3/34,7
50mm	3 or 4	4	34,7
70mm	3	4	34,7
	4	4 or 5	
95mm	3*	4 or 5	
	4	5	
120mm	4	5 or 6	
150mm	3	5	
	4	6	
185mm	3 or 4	6	
240mm	3	6	
	4	7	
300mm	4	7	

Overload Relay Selection Chart							
Motor Size		S/pole & 3 Pole Motor Voltages					
Kw	Hp	220v	380v	400v	440v	500v	
0,19	1/4	1,24	0,72	0,68	0,62	0,49	
0,37	1/2	1,98	1,12	1,09	0,99	0,87	
0,56	3/4	2,72	1,58	1,50	1,36	1,20	
0,75	1	3,40	1,90	1,80	1,60	1,50	
1,5	2	6,40	3,70	3,30	3,00	2,60	
2,2	3	9,10	5,30	4,90	4,50	3,90	
3,0	4	12,1	7,00	6,50	6,00	5,20	
3,7	5	14,6	8,50	7,90	7,20	6,30	
4,4	6	17,5	9,90	9,40	8,50	7,50	
5,5	7,5	21,8	12,6	11,7	10,7	9,40	
6,0	8	22,0	13,0	12,0	11,0	9,80	
7,5	10	27,0	15,8	15,0	13,6	12,0	
11	15	40	23	22	20	18	
15	20	52	31	29	26	23	
18,5	25	66	38	36	33	29	
22	30		45	43	39	34	
30	40		61	56	51	45	
37	50		76	68	62	55	
45	60		91	85	77	68	
55	75		104	99	90	79	
75	100		149	132	125	105	
110	150		218	194	176	155	
150	200		288	258	240	207	

JOINT KITS FOR S.W.A. CABLE		
MX 1	2,5-4mm	82-A1
MX2	6-16mm	82-A2
MX 3	16-35mm	91-A3
MT4	16-70mm	91-A4
MT 4,5	25-95mm	91-A4.5
MT5	35-150mm	91-A5
MT 6	50-240mm	91-A6

Cable Current Ratings @ 50 Hz A.C.			
P.V.C. Steel Armoured Copper Cable			
to SABS 150/70			
Cable	Amps	Amps	Approx.
size in	in	in	millivolt
mm2	Air	Grnd	drop/A/m
1,5	19	23	31
2,5	25	31	18
4	33	40	12
6	43	51	7,7
10	58	68	4,6
16	77	88	2,9
25	100	115	1,8
35	125	140	1,3
50	155	165	0,92
70	190	200	0,66
95	230	245	0,48
120	270	280	0,38
150	310	310	0,31
185	355	350	0,25
240	415	410	0,19
300	480	460	0,15

Welding Cable					
		Duty Cycle			
Colour	Size	100%	85%	60%	30%
Black	12	100	108	130	180
Green	16	135	145	175	244
Blue	25	180	195	230	329
Grey	35	225	245	290	409
Red	50	285	310	370	519
Brown	70	355	385	460	648
Yellow	95	430	470	560	788
Black	120	535	585	700	978

G.P. Rubber Welding Cable					
		Duty Cycle			
Colour	Size	100%	85%	60%	30%
Black	12	-	-	-	-
Green	16	100	105	125	175
Blue	25	125	135	165	230
Grey	35	160	170	205	290
Red	50	205	225	265	370
Brown	70	250	275	325	460
Yellow	95	305	325	395	560

Approx. weight of Copper Earth Wire - Kg/Metre			
mm2	Kg/m	mm2	Kg/m
1,5	0,015	35	0,32
2,5	0,023	50	0,46
4	0,037	70	0,65
6	0,055	95	0,88
10	0,092	120	1,116
16	0,150	150	1,390
25	0,247	185	1,710

Note: This information serves as a guide only and no warranties whatsoever are offered.



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Ground Floor Block B, Grand Prix Business Park, Forssman Close, Kyalami
 Phone: 011-466-4137. Fax: 011-466-4140. Website: www.khanyisa.co.za. e-Mail: clive@khanyisa.co.za
 Office Hours: Monday to Thursday : 06h45 to 16h30. Friday 06h45 to 15h30. Saturday 08h00 to 12h00

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