

ARES - RACES STANDARD : RED - RIGHT AND TONGUE - TOP

Trierimp 1309G2 1309G3	USA			British		Number of Strands	Diameter		CMA	cross section		EU	Europe	max current		Pwrpole	Dia		Pwrpole	Dia		Ohm
	AWG	SWG	BWG	in Inch	in mm		in mm²	mm²		strands	Europa			USA	15A		15A	30A		30A	/km	
	6				0.18400	4,66000	26240		13,300000					95 A		closed barrel		closed barrel			1,5	
					0.16195	4,12000	19740		10,000000	10	80x0,4mm		80 A			silver plated		silver plated			3,5	
	8			133x1er v. AWG29	0.14544	3,70000	16510		8,604000					75 A		Anderson #1332		Anderson #1331				
																contact		contact				
					0.12618	3,21000	11840		6,000000	6	84x0,3mm		50 A			PP15-45 STANDARD HOUSINGS					5,7	
	10			49x1er von AWG27	0.11517	2,93000	10380		5,068000					45 A			OPEN	BARREL				
					0.10181	2,59000	7894		4,000000	4	56x0,3mm		36 A						2,54mm	0.10"	8,0	
	12			65x1er von AWG30	0.09119	2,32000	6530		3,292000					30 A					2,54mm	0.10"		
					0.08097	2,06000	4934		2,500000	2,5	50x0,25mm		26 A						2,54mm	0.10"	13,0	
	14			41x1er von AWG30	0.07233	1,84000	4121		2,081000					23A					2,54mm	0.10"		
				1	0.063000	1,59000	2960		1,500000	1,5	30x0,25mm		20 A			1,78mm	0.07"	2,54mm	0.10"		21,0	
	16			19x1er von AWG29	0.056338	1,29000	2580		1,229319					15 A		1,78mm	0.07"	2,54mm	0.10"		15,8	
					0.052000	1,31000	2100		0,962749	1	32x0,2mm		12 A			1,78mm	0.07"					
	18			19x1er von AWG30	0.050000	1,16000	1910							12 A		1,78mm	0.07"				20,4	
					0.038473	0,99000	1480		0,750000	0,75	24x0,2mm		10 A			1,78mm	0.07"					
	20	21	21	1	0.032000	0,81280			0,518868		7x0,30mm					1,78mm	0.07"					
	20			7x1er von AWG28	0.037000	0,93000	937		0,563115	0,5	19x0,18mm		8 A			1,78mm	0.07"					
	20			19x1er von AWG32	0.038000	0,96000	1020		0,616151					9 A		1,78mm	0.07"				32,4	
	21	22	22		0.028500	0,72390			0,411573							TRICrimp 15/30/45 Powerwerx						
	22	23	23	1	0.025300	0,64262			0,324338		7x0,25mm					CRIMP TOOL 15/30 #1309G2						
	22			7x1er von AWG30	0.030000	0,76200	704		0,354697	0,35	19x0,15mm		6 A	7 A		CRIMP TOOL 30/45 #1309G3						
	22			19x1er von AWG34	0.031500	0,80010			0,382109							Locator #1312G1					53,2	
	23	24	24	1	0.022000	0,55880			0,245246							Extraction Tool #111038G2						
	24	25	25	1	0.020100	0,51054			0,204715							Dust cap cover Powerwerx						
	24			7x1er von AWG32	0.024000	0,60960	442		0,227003	0,25	14x0,15mm		4 A	4,5 A		Retaining Pin #110G16 for 1 pair						
	24			19x1er von AWG36	0.024800	0,63500			0,240692							Retention Clip # 110G68 for 1 block					86,0	
	25	26	26		0.017900	0,45466			0,162354							Single Housing RED #1327						
	26	27	27	1	0.015905	0,40400			0,128189							Single Housing BLACK #1327G6						
	26			7x1er von AWG34	0.018900	0,48006	278		0,140777	0,14	18x0,10mm		2 A	2,2 A		Single Housing WHITE #1327G7						
	26			19x1er von AWG38	0.020000	0,50800			0,154033												135,0	
	27	29	28		0.014200	0,36068			0,102172							45A contact #261G3-LPBK						
	28	30	29	1	0.012600	0,32004			0,080445							open barrel silver plated					225,0	
	28			7x1er von AWG36	0.015000	0,38100	175		0,088676	0,08	10x0,1mm		1 A	1,2 A								
	28			19x1er von AWG40	0.015500	0,39370			0,092511							ADDITIONAL STRAIN RELIEF						
	29	31	30		0.011300	0,28702										iso dia	Hellermann HMT200A RS 481-2194					
	30	33	31	1	0.010000	0,25400										max	Hot Melt Adhesive Tape					
	30			7x1er von AWG38	0.012000	0,30480										4,32mm	Tie wraps - Kabelbinder				356,0	
	30			19x1er von AWG42	0.012500	0,31750										0.170"	Shrink tube - Schrumpfschlauch					
	31	34	32		0.008900	0,22606											Waxed Nylon Lacing - Wachsbund					
	32	35	33	1	0.008000	0,20320																
	32			7x1er von AWG40	0.009300	0,23622																
	32			19x1er von AWG44	0.010000	0,25400											Strip length	Contact area poor environment use				
	33	36	34	1	0.007100	0,18034										0.3"	White Lithium Grease					
	34	37	34	1	0.006300	0,16002										7,5mm	Weißes Lithium Fett					
	35	38	35	1	0.005600	0,14224											AWG 12 ZIP WIRES RED/BLACK					
	36	39	35	1	0.005000	0,12700											www.powerwerx.com					
																	Zwillingsslitze ROT/SCHWARZ					
ON NUMBERS: A COMMA IN GERMANY (,) EQUALS A FULLSTOP (.) IN THE US.																						
														MM	MM	INCH	INCH	PULL FORCE	PULL FORCE			
														wire dia	iso dia	wire dia	iso dia	N	lbs			
I	www.andersonpower.com																					
N	www.powerwerx.com										7x28	SXL same size	UL1015	AWG20	0,96	2,70	0,038	0,106	58	13,5		
T	www.westmountainradio.com										16x30	SXL same size	UL1015	AWG18	1,27	2,90	0,050	0,114	89	20		
E	www.qsradio.com										19x29	SXL same size	UL1015	AWG16	1,44	3,25	0,056	0,128	133	30		
R	www.mouser.com										19x27	SXL same size	UL1015	AWG14	1,91	3,60	0,075	0,142	222	50		
N	www.wimo.com										19x25	SXL same size	UL1015	AWG12	2,40	4,00	0,094	0,158	311	70		
E	www.darc.de										49x27	SXL same size	UL1015	AWG10	2,98	5,10	0,117	0,201	356	80		
T	www.youtube.com																					
MAXIMUM INSULATION DIAMETER FOR PP15-45 IS 4,318MM = 0.170 INCHES																						
ARRL recommends using cyanoacrylic glue instead of retaining pins for permanent bodies hold when 2 houses stucked together.																						