

WALTHER PART NUMBER SYSTEM

Example: Part Number 269419

2	6	9	4	19
Device Type 1st Digit	Amperage Rating 2nd Digit	Versions (Environmental) 3rd Digit	Poles and Wires 4th Digit	Clock Position 5th & 6th Digit
1= Female Socket-Outlet (Surface (Mount))	1= 20A North American 16A International 3= 30A North American 32A International	0= One top entry (splashproof) 1= Three entries (splashproof) 9= Three entries (Watertight)	3= 2 Pole + G or 1 Pole + N + G 4= 3 Pole + G or 2 Pole + N + G	1 Hour = 01 2 Hour = 02 3 Hour = 03 4 Hour = 04 5 Hour = 05 6 Hour = 06
2= Male Plug 3= Female Connector	6= 60A North American 63A International 7= 100A North American 125A International	0= With cable entry boot (splashproof) 1= With strain relief conn. (splashproof) 9= With strain relief conn. (Watertight)	5= 3 Pole + N + G 7= 6 Pole + G	7 Hour = 07 8 Hour = 08 9 Hour = 09 10 Hour = 10 11 Hour = 11 12 Hour = 12
4= Female Receptacle Socket-Outlet (Panel Mount Striaght)		0= Various mounting and 1= Flange sizes 2= (splashproof)		1 Hour = 13 2 Hour = 14 3 Hour = 15
5= Female Receptacle Socket-Outlet (Panel Mount Angled)		4= Two-Piece (spalshproof)		4 Hour = 16 5 Hour = 17 6 Hour = 18
		7= Various mounting and 8= flange sizes 9= (Watertight)		7 Hour = 19 8 Hour = 20 9 Hour = 21
6= Male Inlet (Appliance Plug)		0= Surface Mount Angled (splashproof) 1= Panel Mount Angled (splashproof) 5= Panel Mount Straight (splashproof) 6= Two-Piece (splashproof) 8= Surface Mount (Watertight) 9= Panel Mount (Watertight)		10 Hour = 22 11 Hour = 23 12 Hour = 24

USEFUL TABLES

TABLE 1 Cable and Conductor Strip Length

		Device Rating			
		North American	20A	30A	60A
International		16A	32A	63A	125A
Outer Jacket Strip Length	inch	2	2 1/2	3	4
	mm	50	63	76	102
Conductor Strip Length	inch	1/2	1/2	3/4	1 1/8
	mm	12	12	19	28
Pilot Conductor Strip Length	inch			7/16	5/8
	mm			11	16

TABLE 2 Maximum Torque applied to terminal screws

		Device Rating			
		North American	20A	30A	60A
International		16A	32A	63A	125A
Torque Terminal Screw	lb. - in.	7.1	7.1	17.6	35.3
	N - m	0.8	0.8	2	4
Torque Pilot Screw	lb. - in.			7.1	7.1
	N - m			0.8	0.8

TABLE 4 Metric and AWG/MCM conductor size equivalents

Conductor Size		Test Range (Amperage)
mm ²	AWG/MCM	
1,0	18	0-8
1,5	16	8-12
2,5	14	12-15
2,5	12	15-20
4,0	10	20-25
6,0	10	25-32
10	8	32-50
16	6	50-65
25	4	65-85
35	3	85-100
35	2	100-115
50	1	115-130
50	1/0	130-150
70	2/0	150-175
95	3/0	175-200
95	4/0	200-225
120	250	225-250
150	300	250-275
185	350	275-300
185	400	300-350
240	500	350-400

TABLE 3 Cable and Conductor Range

Amps	Poles and Wires	From AWG	To Type	Cord Grip Range					
				To AWG	With Cable Gland		With Cable Sleeve		
					North American	International	North American	International	
16	20	2P3W	16 S	10 S	inch	0.275 - 0.530	0.275 - 0.530	0.275 - 0.675	0.275 - 0.675
					mm	7 - 13.5	7 - 13.5	7 - 17	7 - 17
					inch	.395 - .825	0.275 - 0.630	0.315 - 0.800	0.315 - 0.800
					mm	10 - 21	7 - 16	8 - 20	8 - 20
					inch	.395 - .825	0.275 - 0.630	0.315 - 0.800	0.315 - 0.800
					mm	10 - 21	7 - 16	8 - 20	8 - 20
30	32	2P3W	12 S	8 S	inch	.395 - .825	.395 - .825	0.590 - 0.950	0.435 - 0.950
					mm	10 - 21	10 - 21	15 - 24	11 - 24
					inch	0.650 - 1.10	.395 - .825	0.590 - 0.950	0.435 - 0.950
					mm	16.5 - 28	10 - 21	15 - 24	11 - 24
					inch	0.650 - 1.10	.395 - .825	0.590 - 0.950	0.435 - 0.950
					mm	16.5 - 28	10 - 21	15 - 24	11 - 24
60*	63*	2P3W	8 S	4 S or W	inch	.650 - 1.50	.650 - 1.50	0.635 - 1.30	0.600 - 1.30
					mm	16.5 - 38	16.5 - 38	16 - 33	15 - 33
					inch	.650 - 1.50	.650 - 1.50	0.635 - 1.30	0.600 - 1.30
					mm	16.5 - 38	16.5 - 38	16 - 33	15 - 33
					inch	.650 - 1.50	.650 - 1.50	0.635 - 1.30	0.600 - 1.30
					mm	16.5 - 38	16.5 - 38	16 - 33	15 - 33
100*	125*	2P3W	6 S or W	2/0 S or W	inch	.950 - 1.90	.950 - 1.90		
					mm	24 - 48	24 - 48		
					inch	.950 - 1.90	.950 - 1.90		
					mm	24 - 48	24 - 48		
					inch	.950 - 1.90	.950 - 1.90		
					mm	24 - 48	24 - 48		
					inch	.950 - 1.90	.950 - 1.90		
					mm	24 - 48	24 - 48		

* Pilot conductor 16 to 8 AWG