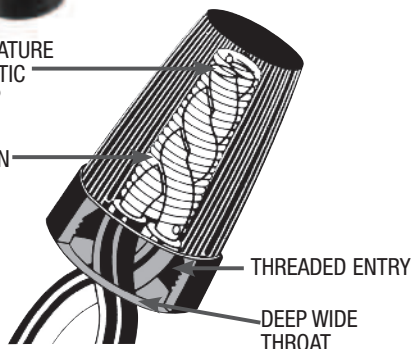


The Marrette® Black® High Temperature rating makes it the best solution for high wattage lighting fixtures and signs



HIGH TEMPERATURE
THERMOPLASTIC
POLYMER CAP

CONICAL
SPRING DESIGN



External Cap

- Made of rugged, thermoplastic polymer material 150°C rated.
- Large, finely ribbed, “barrel-shaped” cap - makes it easier to grip even when hands are greasy or damp.
- Deep, wide throat ensures full insulation coverage.
- Threaded entry helps guide large wire bundles right into the spring.

Inner Spring

- Internal conical spring design multiplies the “twist-on” torque applied by the leverage and wedge action, to firmly crush wires into a solid joint.
- Unique copper-coated spring helps resist corrosion.
- Model no. 30 Black® is approved for circuit and fixture type connections up to 300 V only.
- Model nos. 31, 33 and 35 Black® are approved for circuits up to 600 V, and lighting fixtures and signs up to 1000 V.
- For copper conductor only.
- Convenient packaging - sized right and job-site ready!

For packaging options, see page D19



Model	Colour	22	20	18	16	14	12	10	8
30	Black	Min.: 1 #22 + 1 #20 Max.: 3 #16							
31				Min.: 2 #18 Max.: 4 #16					
33				Min.: 1 #18 + 1 #14 Max.: 4 #14					
35				Min.: 2 #14 Max.: 4 #10					
Drivers									
TOOL-331	Plastic driver to install Model 331 (incl. in all packs of 1000 units +).								
TOOL-333	Plastic driver to install Model 333 and 822 (incl. in all packs of 1000 units +).								
TOOL-335	Plastic driver to install Model 335 (incl. in all packs of 1000 units +).								

Nbr of Cond.	AWG	Nbr of Cond.	AWG
30			
3	22	—	—
3	22	1	20
3	22	2	20
3	22	1	18
3	22	1	16
3	22	2	16
3	22	1	14
4	22	—	—
4	22	1	20
4	22	1	18
4	22	1	16
4	22	1	14
5	22	—	—
5	22	1	18
1	20	1	18
1	20	2	18
1	20	3	18
1	20	1	16
1	20	2	16
1	20	1	14
2	20	—	—
2	20	1	18
2	20	3	18
2	20	1	16
2	20	2	16
2	20	1	14
3	20	—	—

Nbr of Cond.	AWG	Nbr of Cond.	AWG
3	20	1	18
3	20	1	16
3	20	1	14
4	20	—	—
4	20	1	18
4	20	1	16
5	20	—	—
1	18	1	16
1	18	2	16
1	18	1	14
2	18	—	—
3	18	—	—
4	18	—	—
1	16	1	14
2	16	—	—
3	16	—	—
31			
1	18	1	16
1	18	2	16
1	18	3	16
1	18	1	14
1	18	2	14
2	18	—	—
2	18	1	16
2	18	2	16
2	18	1	14
3	18	—	—
3	18	1	16

Nbr of Cond.	AWG	Nbr of Cond.	AWG
3	18	2	16
3	18	1	14
4	18	—	—
4	18	1	16
5	18	—	—
1	16	1	14
2	16	—	—
2	16	1	14
3	16	—	—
4	16	—	—
2	14	—	—
33			
1	18	1	14
1	18	2	14
1	18	3	14
1	18	1	12
2	18	1	16
2	18	2	16
2	18	3	16
2	18	4	16
2	18	1	14
2	18	2	14
2	18	1	12
3	18	1	16
3	18	2	16
3	18	1	14
3	18	2	14
3	18	1	12

Nbr of Cond.	AWG	Nbr of Cond.	AWG
4	18	1	16
4	18	2	16
4	18	1	14
4	18	1	12
5	18	—	—
1	16	1	14
1	16	2	14
1	16	3	14
1	16	1	12
2	16	1	14
2	16	2	14
2	16	1	12
3	16	—	—
3	16	1	14
3	16	2	14
3	16	1	12
4	16	—	—
4	16	1	14
5	16	—	—
1	14	1	12
2	14	—	—
2	14	1	12
3	14	—	—
4	14	—	—
2	12	—	—
35			
1	18	4	14
1	18	5	14

Nbr of Cond.	AWG	Nbr of Cond.	AWG	Nbr of Cond.	AWG
1	18	6	14	—	—
1	18	2	12	—	—
1	18	3	12	—	—
1	18	1	10	—	—
1	18	2	10	—	—
1	18	3	10	—	—
2	18	4	16	—	—
2	18	4	14	—	—
2	18	6	14	—	—
2	18	2	12	—	—
2	18	3	12	—	—
2	18	1	10	—	—
2	18	2	10	—	—
3	18	4	14	—	—
3	18	2	12	—	—
3	18	3	12	—	—
3	18	1	10	—	—
3	18	2	10	—	—
4	18	2	12	—	—
4	18	1	10	—	—
4	18	2	10	—	—
5	18	2	12	—	—
5	18	1	10	—	—
6	18	1	10	—	—
6	18	1	18	1	12
1	16	4	14	—	—
1	16	5	14	—	—
1	16	6	14	—	—

Nbr of Cond.	AWG	Nbr of Cond.	AWG
1	16	2	12
1	16	3	12
1	16	1	10
1	16	2	10
2	16	4	14
2	16	6	14
2	16	2	12
2	16	3	12
2	16	1	10
2	16	2	10
3	16	4	14
3	16	2	12
3	16	3	12
3	16	1	10
3	16	2	10
4	16	2	12
4	16	1	10
5	16	—	—
5	16	2	12
5	16	1	10
6	16	—	—
6	16	1	10
6	16	1	16
6	16	2	16
1	14	1	12
1	14	2	12
1	14	3	12
1	14	4	12
1	14	1	10
1	14	2	10
1	14	3	10
1	14	1	8
2	14	—	—
2	14	1	12
2	14	2	12

Nbr of Cond.	AWG	Nbr of Cond.	AWG
2	14	3	12
2	14	1	10
2	14	2	10
2	14	1	8
3	14	—	—
3	14	1	12
3	14	2	12
3	14	1	10
3	14	2	10
3	14	1	8
4	14	—	—
4	14	1	10
4	14	1	12
5	14	—	—
5	14	1	12
6	14	—	—
1	12	1	10
1	12	2	10
1	12	3	10
1	12	1	8
2	12	—	—
2	12	1	10
2	12	2	10
2	12	1	8
3	12	—	—
3	12	1	10
3	12	1	8
4	12	—	—
4	12	1	10
5	12	—	—
1	10	1	8
2	10	—	—
2	10	1	8
3	10	—	—
4	10	—	—
2	8	—	—