

SUBMITTAL DATA SHEET

A.Y. McDonald Control Boxes



Standard

- For use with three wire single phase submersible motors 1/2 through 1 HP.
Capacitor start.

A.Y. McDonald Part No.	A.Y. McDonald Model No.	HP	Voltage	HZ	KW
6619-004	SC0413 0.5HP115VS	1/2	115	60	.37
6619-005	SC0413 0.5HP230VS	1/2	230	60	.37
6619-014	SC0413 0.75HP230VS	3/4	230	60	.55
6619-015	SC0413 1HP230VS	1	230	60	.75

Electrical Data 60 Hz

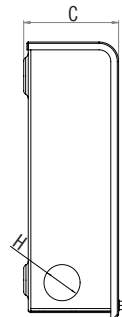
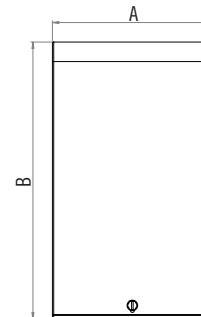
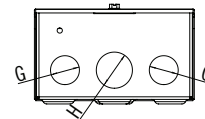
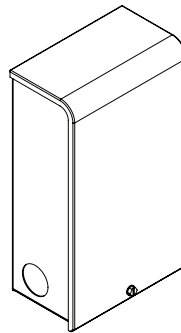
For Motors Three-Wire

[HP]	[kW]	[V]	[μF]	[V]	A x B x C [inch]	W [lbs]
1/2	0.37	115	250-300	125	4.9" x 8.2" x 2.9"	2.8
1/2	0.37	230	59-71	250	4.9" x 8.2" x 2.9"	2.4
3/4	0.55	230	86-103	250	4.9" x 8.2" x 2.9"	2.4
1	0.75	230	105-126	250	4.9" x 8.2" x 2.9"	2.6



Standard Control Box & Knockout Dimension

Pos.	inch
A	4.9"
B	8.2"
C	2.9"
G	1/2" conduit
H	3/4" conduit



SUBMITTAL INFORMATION

- Metal casing
- Auxiliary contacts for control by probes

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



A.Y. McDonald Mfg. Co.
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A.Y. McDonald considers the information on this assembly drawing correct when published. Item and option availability, including specifications, are subject to change without notice.

Submitted by:

SUBMITTAL DATA SHEET

A.Y. McDonald Control Boxes



Standard

- For use with three wire single phase submersible motors 1 1/2 through 5 HP.
Capacitor start and Capacitor run.

A.Y. McDonald Part No.	A.Y. McDonald Model No.	HP	Voltage	HZ	KW
6619-012	SC0413 1.5HP230VS	1 1/2	230	60	1.1
6619-006	SC0413 2HP230VS	2	230	60	1.5
6619-007	SC0413 3HP230VS	3	230	60	2.2
6619-008	SC0413 5HP230VS	5	230	60	3

Deluxe

- For use with three wire single phase submersible motors 1 1/2 through 5 HP.
Includes Magnetic Line Contactor, Capacitor start, and Capacitor run.

A.Y. McDonald Part No.	A.Y. McDonald Model No.	HP	Voltage	HZ	KW
6619-013	SC0413 1.5HP230VD	1 1/2	230	60	1 1/2
6619-010	SC0413 2HP230VD	2	230	60	1.5
6619-011	SC0413 3HP230VD	3	230	60	2.2
6619-009	SC0413 5HP230VD	5	230	60	3



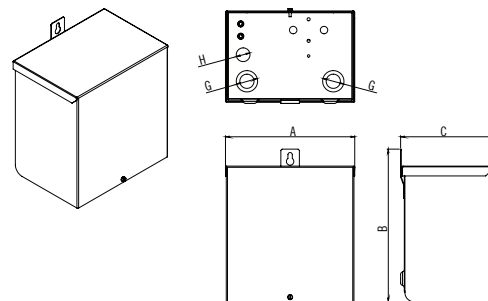
Electrical Data 60 Hz

For Motors Three-Wire

Type	P2		V	C1	C1	C2	C2	A x B x C	W
	[HP]	[kW]	[V]	[μF]	[V]	[μF]	[V]	[inch]	[lbs]
Standard	1 1/2	1.1	230	10	370	105-126	250	8.3" x 9.8" x 5.9"	5.6
Standard	2	1.5	230	20	370	105-126	250	8.3" x 9.8" x 5.9"	5.8
Standard	3	2.2	230	45	370	208-250	250	8.3" x 9.8" x 5.9"	5.8
Standard	5	3.0	230	2x40	370	270-324	250	8.3" x 9.8" x 5.9"	5.8
Deluxe	1 1/2	1.1	230	10	370	105-126	250	8.3" x 9.8" x 5.9"	5.8
Deluxe	2	1.5	230	20	370	105-126	250	8.3" x 9.8" x 5.9"	5.9
Deluxe	3	2.2	230	45	370	208-250	250	8.3" x 9.8" x 5.9"	6.0
Deluxe	5	3.0	230	2x40	370	270-324	250	8.3" x 9.8" x 5.9"	6.0

Control Box Dimension

Pos.	inch
A	8.3"
B	9.8"
C	5.9"
G	1" conduit
H	1/2" conduit



SUBMITTAL INFORMATION

- Metal casing
- Auxiliary contacts for control by probes
- Thermal protection with external manual reset

NO-LEAD: The weighted average of the wetted surface of this no-lead product contacted by consumable water contains less than one quarter of one percent (0.25%) lead.



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