Equipment and solutions

BA2CF Control Panel

Product technical datasheet

Control panel for dual wastewater pump systems.



FT-P091 · Rev. 1

Electrical control panel for wastewater systems with two submersible pumps. Features automatic alternation between pumps to ensure even wear, level control via float switches, thermal overload protection and dry-run protection. Designed for sewage lift stations, drainage pits and.

Applications

- Sewage Water
- Stormwater

Operating conditions

- Confirm the installation conditions, power supply and duty point before commissioning.

Engineering note	Confirm the installation conditions, power supply and duty point before commissioning.
Complementary equipment	Contact JOVAL for compatible accessories and equipment.
Resources and support	Pump selection guide · JOVAL technical support
Contact	+351 253 490 740 · joval@joval.pt

Technical specifications

Voltage

220 - 230V* ~ / 380 - 400V* ~

Frequency

50-60 Hz

IP Rating

55

Temperature

-5°C / + 45°C

Box Material

ABS

Applications

- Sewage Water
- Stormwater

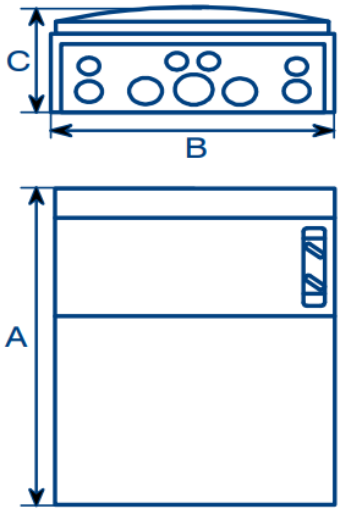
Operating conditions

- Confirm the installation conditions, power supply and duty point before commissioning.

Engineering note Confirm the installation conditions, power supply and duty point before commissioning.

Box Dimensions (External)

Dimensions and models



Material	A (mm)	B (mm)	C (mm)	Note
ABS	436	310	147	With transparent UV-protected cover

WASTEWATER CONTROL PANELS (Two electric pumps) · CHINT

Dimensions and models

Reference	Code	Thermal control	HP	KW	Voltage
D2X 230 BA2CF - 3	1082520003	2,5 - 4 A	0,33 - 0,5	0,25 - 0,37	N + 1~ 230V
D2X 230 BA2CF - 4	1082520004	4 - 6 A	0,75 - 1	0,55 - 0,75	N + 1~ 230V
D2X 230 BA2CF - 5	1082520005	5,5 - 8 A	1	0,75	N + 1~ 230V
D2X 230 BA2CF - 6	1082520006	7 - 10 A	1,5	1,1	N + 1~ 230V
D2X 230 BA2CF - 7	1082520007	9 - 13 A	2	1,5	N + 1~ 230V
D4X 230 BA2CF - 2	1082540002	1,6 - 2,5 A	0,75 - 1	0,55 - 0,75	N + 3~ 400V
D4X 230 BA2CF - 3	1082540003	2,5 - 4 A	1,5 - 2	1,1 - 1,5	N + 3~ 400V
D4X 230 BA2CF - 4	1082540004	4 - 6 A	3	2,2	N + 3~ 400V
D4X 230 BA2CF - 5	1082540005	5,5 - 8 A	4	3	N + 3~ 400V
D4X 230 BA2CF - 6	1082540006	7 - 10 A	5	3,7	N + 3~ 400V
D4X 230 BA2CF - 7	1082540007	9 - 13 A	5,5	4	N + 3~ 400V

WASTEWATER CONTROL PANELS (Two electric pumps) · EATON

Dimensions and models

Reference	Code	Thermal control	HP	KW	Voltage
D2E 230 BA2CF - 3	1083320003	1,6 - 2,4 A	0,33	0,25	N + 1~ 230V
D2E 230 BA2CF - 4	1083320004	2,4 - 4 A	0,5	0,37	N + 1~ 230V
D2E 230 BA2CF - 5	1083320005	4 - 6 A	0,75 - 1	0,55 - 0,75	N + 1~ 230V
D2E 230 BA2CF - 6	1083320006	6 - 10 A	1,5	1,1	N + 1~ 230V
D2E 230 BA2CF - 7	1083320007	10 - 12 A	2	1,5	N + 1~ 230V
D4E 230 BA2CF - 3	1083340003	1,6 - 2,4 A	1	0,75	N + 3~ 400V
D4E 230 BA2CF - 4	1083340004	2,4 - 4 A	1,5 - 2	1,1 - 1,5	N + 3~ 400V
D4E 230 BA2CF - 5	1083340005	4 - 6 A	3	2,2	N + 3~ 400V
D4E 230 BA2CF - 6	1083340006	6 - 10 A	4	3	N + 3~ 400V
D4E 230 BA2CF - 7	1083340007	10 - 12 A	5,5	4	N + 3~ 400V

WASTEWATER CONTROL PANELS (Two electric pumps) · SCHNEIDER

Dimensions and models

Reference	Code	Thermal control	HP	KW	Voltage
D2T 230 BA2CF - 3	1085320003	2,5 - 4 A	0,33 - 0,5	0,25 - 0,37	N + 1~ 230V
D2T 230 BA2CF - 4	1085320004	4 - 6 A	0,75 - 1	0,55 - 0,75	N + 1~ 230V
D2T 230 BA2CF - 5	1085320005	5,5 - 8 A	1	0,75	N + 1~ 230V
D2T 230 BA2CF - 6	1085320006	7 - 10 A	1,5	1,1	N + 1~ 230V
D2T 230 BA2CF - 7	1085320007	9 - 13 A	2	1,5	N + 1~ 230V
D4T 230 BA2CF - 2	1085340002	1,6 - 2,5 A	0,75 - 1	0,55 - 0,75	N + 3~ 400V
D4T 230 BA2CF - 3	1085340003	2,5 - 4 A	1,5 - 2	1,1 - 1,5	N + 3~ 400V
D4T 230 BA2CF - 4	1085340004	4 - 6 A	3	2,2	N + 3~ 400V
D4T 230 BA2CF - 5	1085340005	5,5 - 8 A	4	3	N + 3~ 400V
D4T 230 BA2CF - 6	1085340006	7 - 10 A	5	3,7	N + 3~ 400V
D4T 230 BA2CF - 7	1085340007	9 - 13 A	5,5	4	N + 3~ 400V