

# ABS BASIC PUMP CONTROLLER BPC



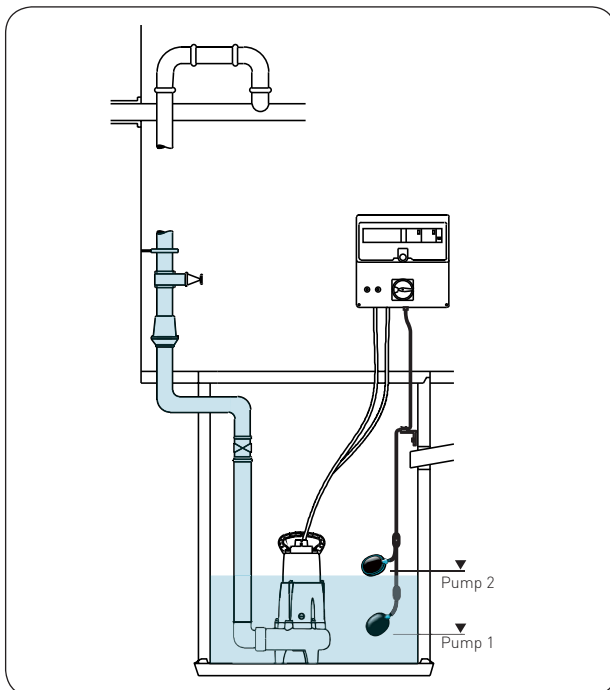
Pump controller for single and twin pumps up to 3 kW, single and three phase. Units with submerged tube level control have a connection for the thermal sensor leads from the stator and a manual over temperature reset, and are suitable for Ex applications.

Note: Not suitable for AFP pumps as no Di seal monitor present.

Designed in accordance with EN 60204-1.

- Hand - Off - Auto switch
- Current overload with re-set
- Level control by float switch and submerged air tube
- NO (normally open) contact for voltage free fault signal capability
- Amp rating single phase 1.0 - 14.0 A
- Amp rating three phase 1.0 - 6.3 A
- Automatic changeover for twin pumps
- Controller for single pump installation supplied with 0.5 m cable and plug
- Controller for twin pump installation supplied with isolator switch

Installation example using pump controller BPC



## Technical data

Ambient operating temp. \_\_\_\_\_ -20 to +50° C  
 Degree of protection \_\_\_\_\_ IP 54 minimum  
 Humidity \_\_\_\_\_ 0 - 95% RH non-condensing  
 Max load volt free contact \_\_\_\_\_ 250 VAC 3A Max



A	B	C
<b>Single phase:</b>		
6216 5093 (1.2-1.9)	6216 5070 (9.0-14.0)	6216 5104 (1.0-1.6)
6216 5094 (1.8-2.8)	6216 5072 (9.0-14.0)	6216 5066 (1.6-2.5)
6216 5095 (2.7-4.2)		6216 5067 (2.5-4.0)
6216 5096 (4.0-6.2)		6216 5103 (4.0-6.3)
6216 5097 (6.0-9.2)		6216 5068 (6.0-10.0)
6216 5098 (8.0-12.0)		6216 5069 (9.0-14.0)
		6216 5071 (9.0-14.0)*
<b>Three phase:</b>		
6216 5099 (1.2-1.9)	6216 5086 (1.0-1.6)	6216 5090 (1.0-1.6)
6216 5100 (1.8-2.8)	6216 5091 (1.0-1.6)	6216 5074 (1.6-2.5)
6116 5003 (2.7-4.2)	6216 5077 (1.6-2.5)	6216 5075 (2.5-4.0)
6216 5101 (4.0-6.2)	6216 5102 (1.6-2.5)	6216 5076 (4.0-6.3)
	6216 5084 (2.5-4.0)	
	6216 5078 (2.5-4.0)	
	6216 5088 (2.5-4.0)	
	6216 5079 (4.0-6.3)	
	6216 5085 (4.0-6.3)	
<b>Dimensions, mm:</b>		
<b>H</b> <b>W</b> <b>D</b>	<b>H</b> <b>W</b> <b>D</b>	<b>H</b> <b>W</b> <b>D</b>
160 85 110	340 340 150	340 340 150
		*440 340 150

## Identification code:

BPC W 1 KS A C 9.0-14.0

- Amp rating
- C capacitor start
- without capacitor
- A Alarm
- without Alarm
- KS float switch control
- ST submerged tube control
- Number of pumps
- W 230 V
- D 400 V
- Product range

# ABS BASIC PUMP CONTROLLER BPC

ABS pump		*ABS pump controller: single phase 220-240V				
Pump type	Current Setting A	1 ABS pump with 1 ABS KS float switch where pumps have integrated Start/Run capacitor circuits.	1 ABS pump with 1 ABS KS float switch where pumps have separate Start/Run capacitor circuits.	1 ABS pump with submerged air tube level control system** and alarm where pumps have separate Start/Run capacitor circuits.	2 ABS pumps with 2 ABS KS float switches and alarm where pumps have integrated Start/Run capacitors and built-in motor thermal protection.	2 ABS pumps with 2 ABS KS float switches and alarm where pumps have separate Start/Run capacitor circuits.
		BPC.W1KS__	BPC.W1KS_C	BPC.W1STAC	BPC.W2KSA_	BPC.W2KSAC
CORONADA	1.36	62165093 (1.2-1.9)			62165104 (1.0-1.6)	
ROBUSTA 200/300	2.1/2.4	62165094 (1.8-2.8)			62165066 (1.6-2.5)	
MF 054 W	1.7	62165093 (1.2-1.9)			62165066 (1.6-2.5)	
MF 154 W	3.0	62165095 (2.7-4.2)			62165067 (2.5-4.0)	
MF 254 W	3.1	62165095 (2.7-4.2)			62165067 (2.5-4.0)	
MF 324 W	3.6	62165095 (2.7-4.2)			62165067 (2.5-4.0)	
MF 354 W	4.8	62165096 (4.0-6.2)			62165103 (4.0-6.3)	
MF 504 W	9.0	62165097 (6.0-9.2)			62165068 (6.0-10.0)	
MF 565 W	11.6	62165098 (8.0-12.0)			62165069 (9.0-14.0)	
IP 900 W	6.5	62165097 (6.0-9.2)			62165068 (6.0-10.0)	
AS S12/2W	8.2		62165070 (9.0-14.0)	62165072 (9.0-14.0)		62165071 (9.0-14.0)
AS S17/2W	10.6		62165070 (9.0-14.0)	62165072 (9.0-14.0)		62165071 (9.0-14.0)
PIRANHA 08/2W	6.4	62165097 (6.0-9.2)			62165068 (6.0-10.0)	
PIRANHA 09/2W	11.6	62165098 (8.0-12.0)			62165069 (9.0-14.0)	
PIRANHA S12/2W	8.2		62165070 (9.0-14.0)	62165072 (9.0-14.0)		62165071 (9.0-14.0)
PIRANHA S17/2W	10.6		62165070 (9.0-14.0)	62165072 (9.0-14.0)		62165071 (9.0-14.0)

ABS pump		*ABS pump controller: three phase 400V			
Pump type	Current Setting A	1 ABS pump with 1 ABS KS float switch.	1 ABS pump with 1 ABS KS float switch and alarm.	1 ABS pump with submerged air tube level control system** and alarm.	2 ABS pumps with 2 ABS KS float switches and alarm.
		BPC.D1KS__	BPC.D1KSA_	BPC.D1STA_	BPC.D2KSA_
MF 334 D	1.4	62165099 (1.2-1.9)	62165091 (1.0-1.6)	62165086 (1.0-1.6)	62165090 (1.0-1.6)
MF 404 D	2.0	62165100 (1.8-2.8)	62165102 (1.6-2.5)	62165077 (1.6-2.5)	62165074 (1.6-2.5)
MF 604 D	3.5	61165003 (2.7-4.2)	62165084 (2.5-4.0)	62165078 (2.5-4.0)	62165075 (2.5-4.0)
MF 665 D	4.6	62165101 (4.0-6.2)	62165085 (4.0-6.3)	62165079 (4.0-6.3)	62165076 (4.0-6.3)
MF 804 D	4.6	62165101 (4.0-6.2)	62165085 (4.0-6.3)	62165079 (4.0-6.3)	62165076 (4.0-6.3)
IP 900 D	2.3	62165100 (1.8-2.8)	62165102 (1.6-2.5)	62165077 (1.6-2.5)	62165074 (1.6-2.5)
AS S12/2D	3.3	61165003 (2.7-4.2)	62165084 (2.5-4.0)	62165078 (2.5-4.0)	62165075 (2.5-4.0)
AS S13/4D	3.6	61165003 (2.7-4.2)	62165084 (2.5-4.0)	62165078 (2.5-4.0)	62165075 (2.5-4.0)
AS S17/2D	4.0	61165003 (2.7-4.2)	62165084 (2.5-4.0)	62165078 (2.5-4.0)	62165075 (2.5-4.0)
AS S26/2D	5.6	62165101 (4.0-6.2)	62165085 (4.0-6.3)	62165079 (4.0-6.3)	62165076 (4.0-6.3)
AS S22/4D	5.2	62165101 (4.0-6.2)	62165085 (4.0-6.3)	62165079 (4.0-6.3)	62165076 (4.0-6.3)
PIRANHA 08/2D	2.7	62165100 (1.8-2.8)	62165084 (2.5-4.0)	62165078 (2.5-4.0)	62165075 (2.5-4.0)
PIRANHA 09/2D	4.6	62165101 (4.0-6.2)	62165085 (4.0-6.3)	62165079 (4.0-6.3)	62165076 (4.0-6.3)
PIRANHA S12/2D	3.3	61165003 (2.7-4.2)	62165084 (2.5-4.0)	62165078 (2.5-4.0)	62165075 (2.5-4.0)
PIRANHA S17/2D	4.0	61165003 (2.7-4.2)	62165084 (2.5-4.0)	62165078 (2.5-4.0)	62165075 (2.5-4.0)
PIRANHA S21/2D	4.6	62165101 (4.0-6.2)	62165085 (4.0-6.3)	62165079 (4.0-6.3)	62165076 (4.0-6.3)
PIRANHA S26/2D	5.6			62165079 (4.0-6.3)	
PIRANHA / AS S12/2D-ex	3.3			62165088 (2.5-4.0)	
PIRANHA / AS S17/2D-ex	4.0			62165079 (4.0-6.3)	
PIRANHA S21/2D-ex	4.6			62165079 (4.0-6.3)	
PIRANHA / AS S26/2D-ex	5.6			62165079 (4.0-6.3)	

* Float switch or submerged tube not included	** 20m air hose included (3m with Ex )	For twin pumps with submerged air tube see alternative control type SMG or PC range
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