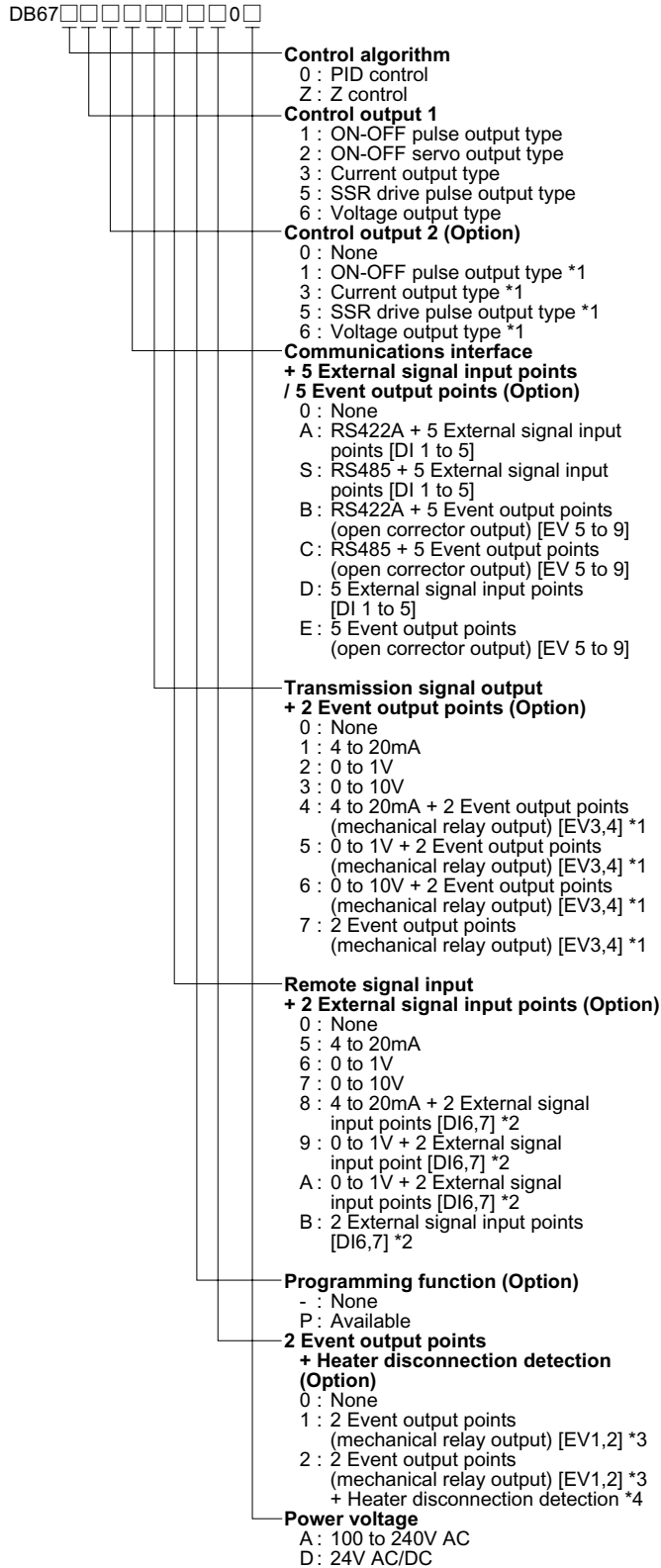
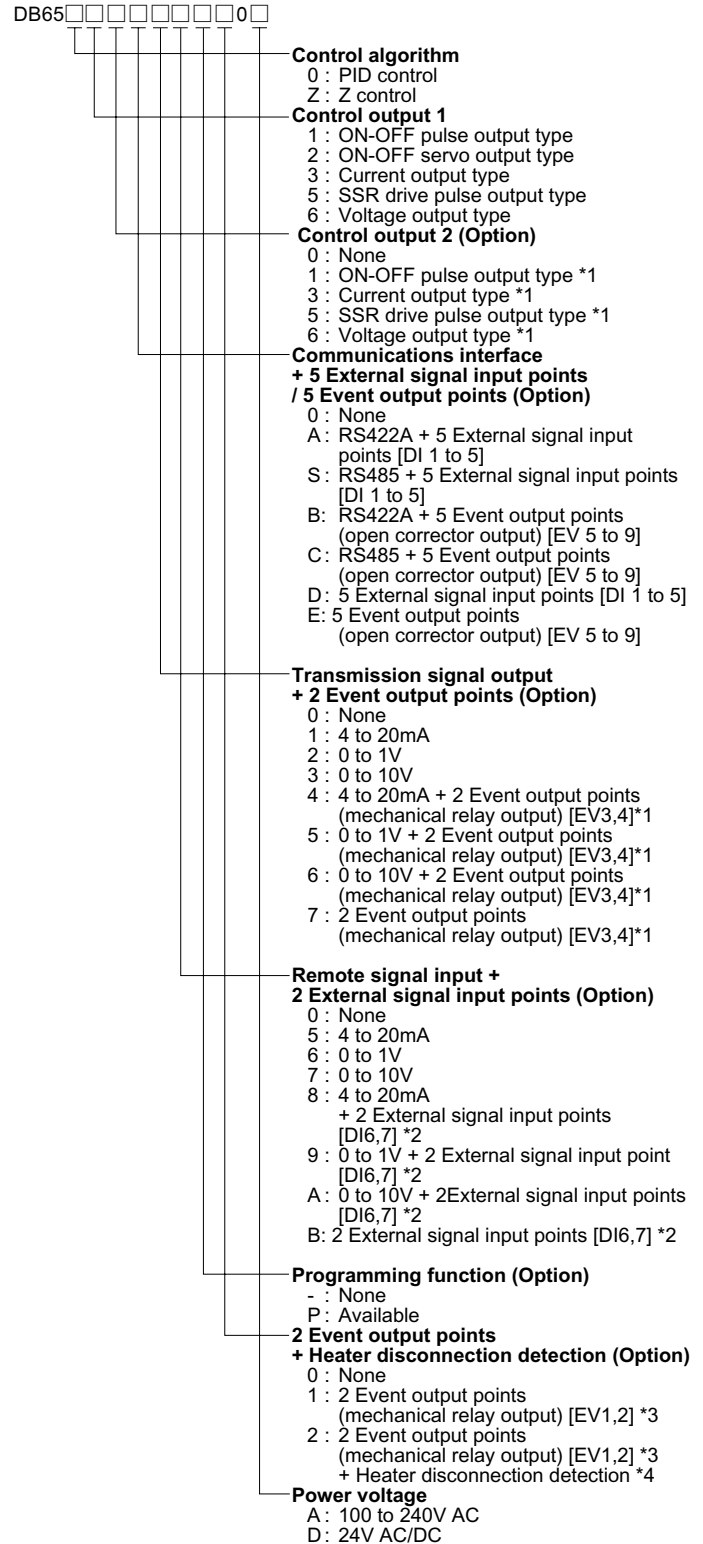


MODELS

DB670



DB650

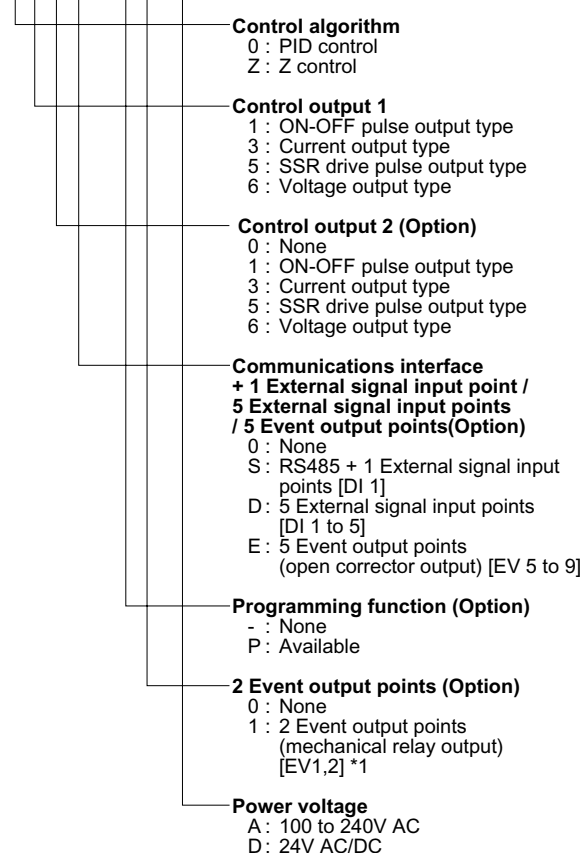


*1 It can be specified when Control output 1 is "1", "3", "5" or "6".
*2 It can be specified when 2 Event output points + Heater disconnection detection is "0" or "1".
*3 When specification with Control output 2, number of event output points is only 1 point [EV2]
*4 It can be specified when Control output 1 and Control output 2 are "1" or "5" and Remote signal input + 2 External signal input points is "0", "5", "6" or "7".
However, if Control output 1 and Control output 2 are both "1" or "5", it can be operated with Control output 1.

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However, if Control output 1 and Control output 2 are both "1" or "5", it can be operated with Control output 1.

DB630

DB63□□□00□□0□



*1 When specification with control output 2, number of event output points is only 1 point [EV2]

MEASURING RANGES

Input type		Measuring ranges	Measuring accuracy	
Thermocouple	B	0.0 to 1820.0°C	±0.1% of FS ±1digit For below 0°C, ±0.2% of FS ±1digit	Below 400°C: Out of specifications 400 to 800°C: ±0.2%FS±1digit
	R	0.0 to 1760.0°C		Below 400°C: ±0.2%±FS1digit
	S	0.0 to 1760.0°C		
	N	0.0 to 1760.0°C		
	K1	-200.0 to 1370.0°C		
	K2	-200.0 to 500.0°C		
	E	-200.0 to 900.0°C		
	J	-200.0 to 1200.0°C		
	T	-200.0 to 400.0°C		
	U	-200.0 to 400.0°C		
	L	-200.0 to 900.0°C		
	WRe5-WRe26	0.0 to 2310.0°C		
	W-WRe26	0.0 to 2310.0°C		
	Platine II	0.0 to 1390.0°C		
RTD	PtRh40-PtRh20	0.0 to 1880.0°C	±0.3% of FS ±1digit	Below 400°C: ±1.5%FS±1digit 400 to 800°C: ±0.8%FS±1digit
	Au-Pt	0.0 to 1000°C	±0.1% of FS ±1digit	
	Pt100	-200.0 to 850.0°C -200.0 to 200.0°C	±0.1% of FS ±1digit	
	JPt100	-200.0 to 649.0°C -200.0 to 200.0°C		
	Pt50	-200.0 to 649.0°C		
DC voltage	20mV	-20.00 to 20.00mV	±0.1% of FS ±1digit	
	100mV	-100.00 to 100.00mV		
	5V	-5.000 to 5.000mV		
	10V	-10.00 to 10.00mV		

* Accuracy indicates the performance under reference operating condition.
 * For thermocouple, the reference junction compensation accuracy is added to the above measured accuracy.
 * To measure DC current, ranges is converted to DC voltage by optional shunt resistor [250 Ω]



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