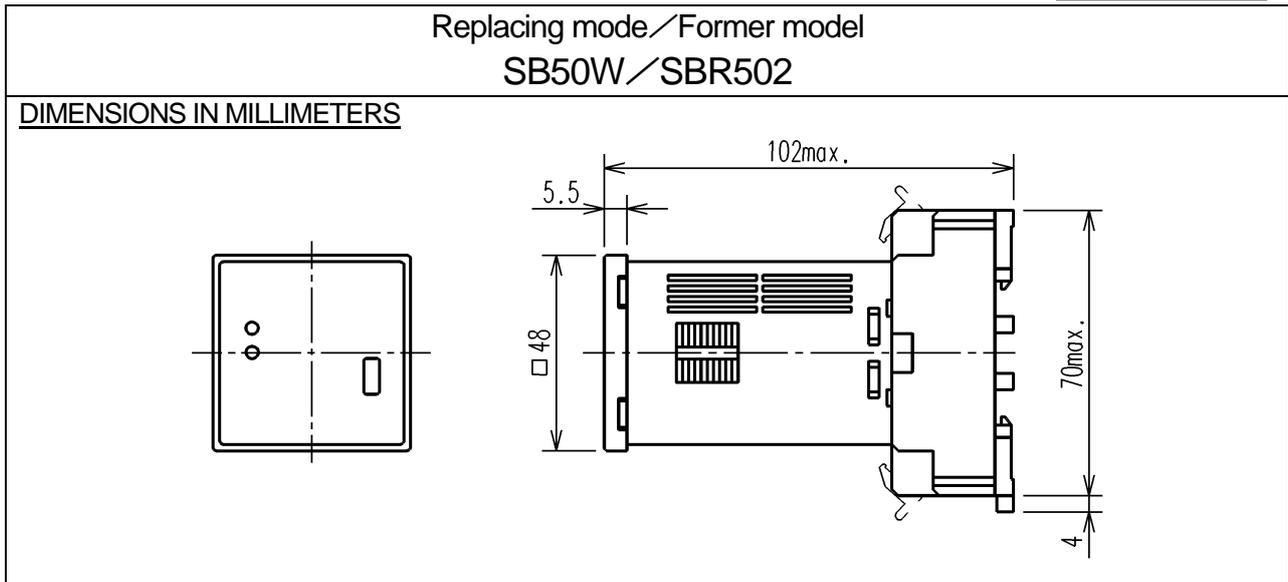


1. Dimensions

SCALE FREE



◎Same in dimensions.

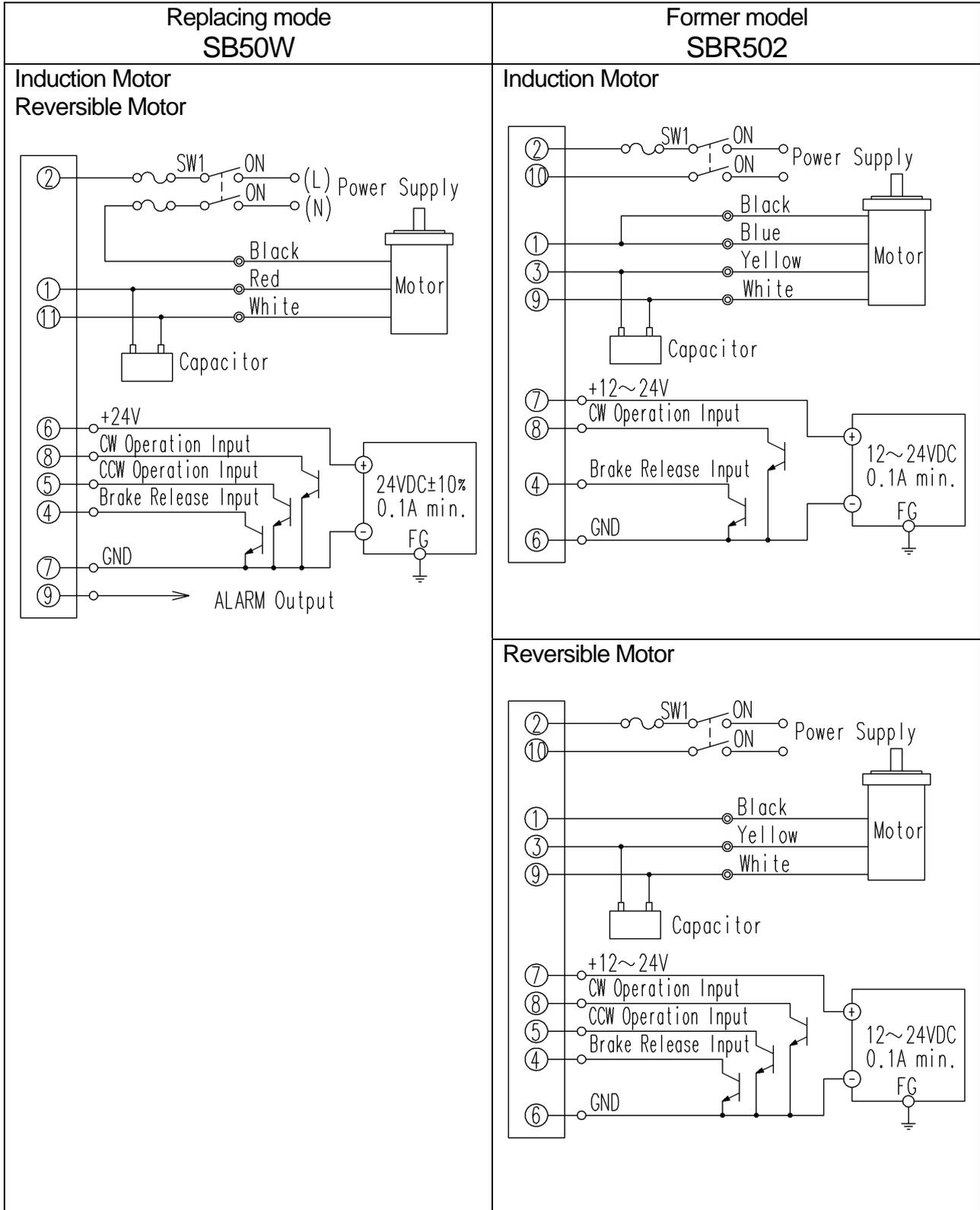
2. Specifications

		Replacing mode SB50W	Former model SBR502
Functions		Instantaneous stop Bi-directional operation Electromagnetic brake control Thermal protector open detection Sink/Source logic switch	Instantaneous stop Bi-directional operation
Power Supply Voltage	[VAC]	Single-phase 100-230±10%	Single-phase 200±10%
Frequency	[Hz]	50/60	50/60
Applicable Motor Output Power	[W]	Induction motor Reversible motor 1 ~ 90	Induction motor Reversible motor 5 ~ 90
Input Signal	Method	Photocoupler input (Works under 24VDC±10%)	Photocoupler input (Works under 12~24VDC±10%) Transistor input
	Signal	CW,CCW, FREE/ALARM-RESET	CW,CCW, FREE
Output Signal	Method	Open-collector output (26.4VDC, 10mA max.)	—
	Signal	ALARM (Thermal protector open detection)*	—
Braking Current Duration		0.2 ~ 0.4 sec.	0.2 ~ 0.4 sec.
Ambient Temperature		[°C] -10~+40	-10~+40

\* Thermal protector installed for motor 15W and above.

◎Differ in specifications.

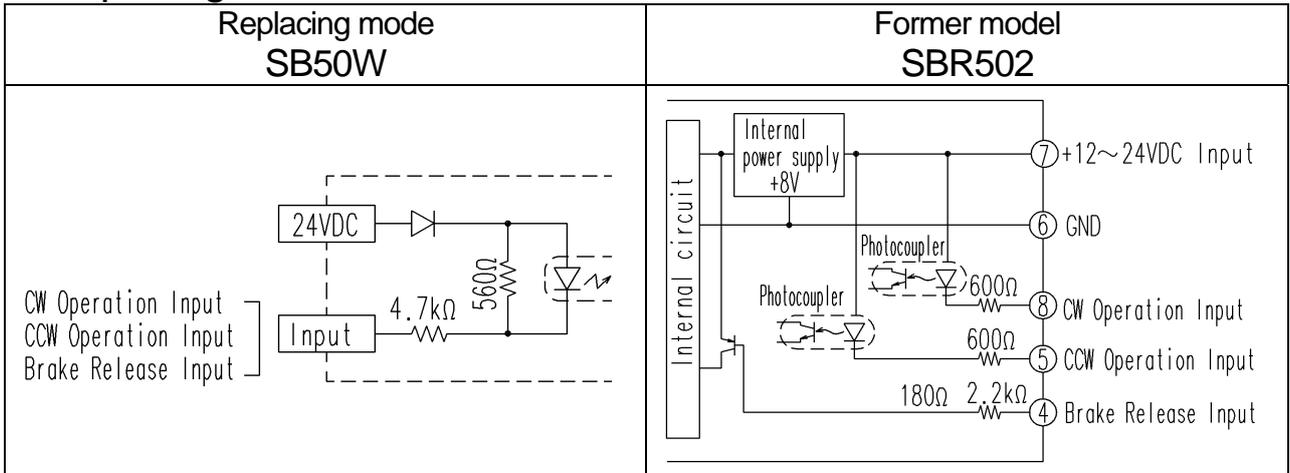
3.Connection



- ◎Differ in motor connection.
- ◎Polarity of DC input reversed.
- ◎Apply 24VDC for DC power supply.
- ◎ALARM output circuit installed.

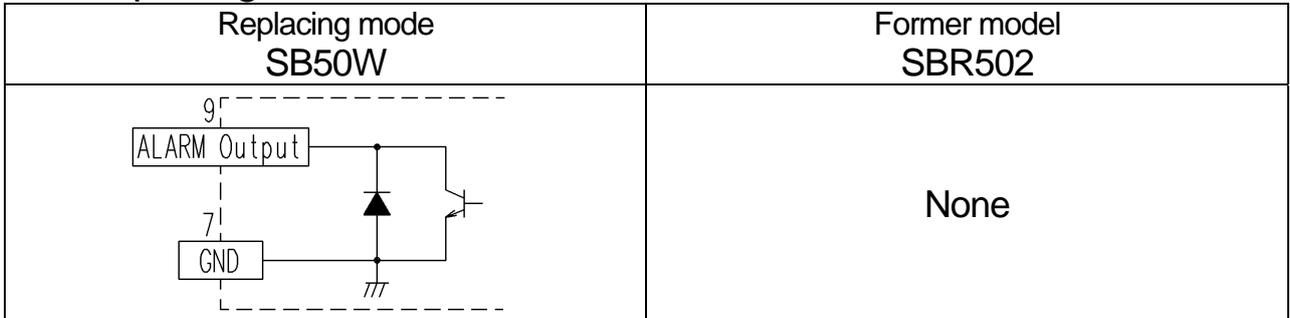
4. Input/Output Signal Circuit

4-1. Input Signal Circuit



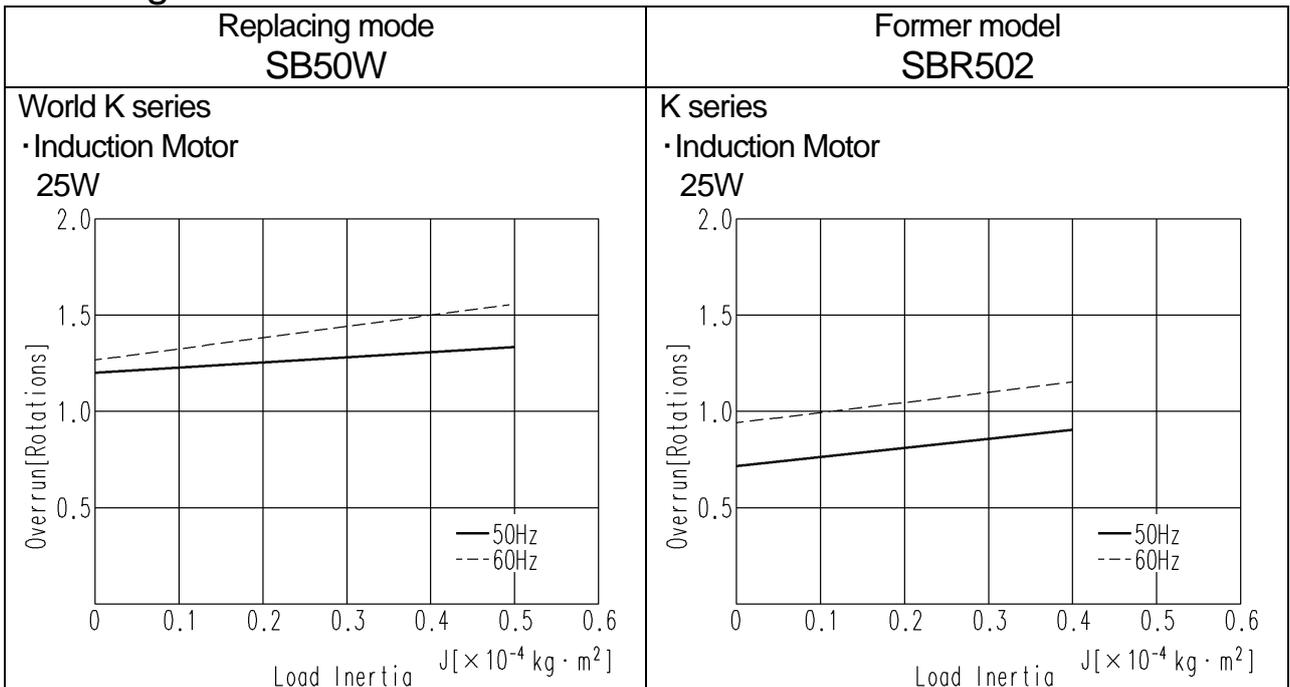
ⓄDiffer in input signal circuit.

4-2. Output Signal Circuit



ⓄOutput signal circuit added.

5. Braking Characteristics (Reference values)



ⓄDiffer in characteristics.