

Technical drawings of the SCON-CAL/CGAL unit showing dimensions and mounting options.

Front View Dimensions:

- Width: 49
- Height: 158
- Bottom flange width: 17

Side View Dimensions:

- Top width: 130.7
- Main body width: 116
- DIN Rail (8.5) offset
- Bottom flange width: 4

Mounting View Dimensions:

- For DIN Rail Mounting Type:
 - 35.4 (Width of 35mm DIN Rail)
 - 82.5 from DIN rail center
- For Screw-fixed Type:
 - Top hole offset: 4.5
 - Bottom hole offset: 4.5
 - Bottom hole spacing: 22.5
 - Overall height: 146.5
 - Bottom flange width: 6

* There is no DIN rail part on the type with screw attachment.

Technical drawing of the SCON-CGB unit, showing front and side views with dimensions.

Front View Dimensions:

- Overall width: 92.7
- Overall height: 305
- Internal width: 70
- Internal height: 284
- Top flange thickness: 2.5
- Bottom flange thickness: 6
- Mounting hole offset from bottom: 6

Side View Dimensions:

- Depth: 172
- Mounting hole offset from side: 15.7

This is a unit that converts the regenerative current to heat when the motor decelerates.		
● RESU (D)-1, RESU (D)-2		
[Specification]		
Item		Specification
Body Size	RESU	W34mm × H154mm × D106.5mm
	RESUD	W34mm × H158mm × D115mm
Body Weight		0.4kg
Internal Regenerative Resistor		235Ω 80W
Accessories	First Unit	RESU-2
	2nd unit or later	RESU-1
	Controller Connection Cable (Model Code CB-SC-REU010) 1m	
	Controller Connection Cable (Model Code CB-ST-REU010) 1m	
[Guideline for number of units to be connected]		
Motor Wattage		Connectable Number of Regenerative Resistor Units
Horizontal Mount/Vertical Mount		
To 100W (Note 3)		Not Required
101 to 400W		1
401 to 750W		2
(Note 1) This is a reference for the case when the actuator is ran forward and backward on 1,000mm stroke with the operation duty 50% under the rated acceleration/deceleration speed and rated load.		
(Note 2) It is necessary to have the regenerative resistor listed above when the operation duty is above 50%. The maximum quantity of the external regenerative resistor units that can be connected is as stated below:		
● 2 units for less than 400W ● 4 units for 400W or more		
(Note 3) It is necessary to have one unit for LSA/LSAS-N10S Type.		
● RESU-35T (For SCON-CGB 3000 to 3300W Motor)		

Item		Specification
Body Size		W45mm × H300mm × D197mm
Body Weight		1.8kg
Internal Regenerative Resistor		30Ω 450W
Built-in Temp. Sensor	Operation Temp.	130°C±5°C
	Contact Format	b Contact
	Contact Open-Close Capacity	DC30V, 200mA (MAX)

[Guideline for number of units to be connected]

Servo Press Type : It is necessary to have one unit for RCS3-RA15R when the cycle time is at 2.5s or less.
 RCS3-RA20R requires two units at maximum depending on the cycle time.

Transfer Type : It depends on the operational condition (payload, transfer velocity, duty ratio).
 [Refer to each instruction manual for details.]

This is applied on NS Actuator and RCS-RA13R with brake.
1 unit of Brake Box possesses brakes for 2 shafts.

[Specification]

Item	Specification
Body Size	W162 × H94 × D65.5mm
Power Voltage and Current	24V DC±10% 1A
Connection Cable	Encoder Cable (Model Code CB-RCS2-PLA010) 1m

[24V Power Supply Connector]

Item	Specification									
Connector on Cable Side (Enclosed in standard package)	MC1.5/2-STF-3.5 (Phoenix Contact)									
Applicable Cable	AWG28 to 16									
Terminal Assignment	<table border="1"> <thead> <tr> <th>Pin No.</th><th>Signal</th><th>Explanation</th></tr> </thead> <tbody> <tr> <td>1</td><td>0V</td><td>Power Supply Grounding for Brake Excitation</td></tr> <tr> <td>2</td><td>24VIN</td><td>For Brake Excitation and 24V Power Supply</td></tr> </tbody> </table>	Pin No.	Signal	Explanation	1	0V	Power Supply Grounding for Brake Excitation	2	24VIN	For Brake Excitation and 24V Power Supply
Pin No.	Signal	Explanation								
1	0V	Power Supply Grounding for Brake Excitation								
2	24VIN	For Brake Excitation and 24V Power Supply								

[Connectors 1 and 2 for External Brake Release Switch Connection]

Connected Equipment	Brake Release Switch									
Connector on Cable Side (Please prepare separately)	XAP-02V-1 (Contact BXA-001T-P.0.6) (JST)									
Switch Rating	30V DC Minimum Current 1.5mA									
Terminal Assignment	<table border="1"> <thead> <tr> <th>Pin No.</th><th>Signal</th><th>Explanation</th></tr> </thead> <tbody> <tr> <td>1</td><td>BKMRL</td><td>Brake Release Switch Input</td></tr> <tr> <td>2</td><td>COM</td><td>Power Supply Output for Brake Release Switch Input</td></tr> </tbody> </table>	Pin No.	Signal	Explanation	1	BKMRL	Brake Release Switch Input	2	COM	Power Supply Output for Brake Release Switch Input
Pin No.	Signal	Explanation								
1	BKMRL	Brake Release Switch Input								
2	COM	Power Supply Output for Brake Release Switch Input								

(Note) Short circuit of pin No. 1 and 2 of this connector releases the brake compulsorily.
Same as the brake release switch on SCON main unit, it is possible to release the brake.
Do not keep the compulsory release condition while in automatic operation.

[Appearance]

This is the pressing force measurement unit that is used for the force control.

This is used by connecting to the actuator corresponding to the force control or servo press.

[Specification]

Item	Specification						
Loadcell System	Strain Gauge						
Rated Capacity [N]	200	600	2000	6000	20000	30000	50000
Allowable Overload [%R.C ^{*1}]	200		200	200	200	200	200
Loadcell Accuracy [%R.C ^{*1}]	±1		±1			±1	
Applicable Temperature Range[°C]	0 to 40						

*1 R.C : Rated Capacity

[Refer to each actuator instruction manual for details of how to attach and the dimensions.]

This product is capable for use in the environment of pollution degree 2¹ or equivalent.

*1 Pollution Degree 2: Environment that may cause non-conductive pollution or transient conductive pollution by frost (IEC60664-1)

1. Installation Environment

Do not use this product in the following environment

- Location where the surrounding air temperature exceeds the range of 0 to 40°C
- Location where condensation occurs due to abrupt temperature changes
- Location where relative humidity is out of the range between 5%RH and 85%RH
- Location exposed to corrosive gases or combustible gases
- Location exposed to significant amount of dust, salt or iron powder
- Location subject to direct vibration or impact
- Location exposed to direct sunlight
- Location where the product may come in contact with water, oil or chemical droplets
- Environment that blocks the air vent [Refer to Installation and Noise Elimination]

When using the product in any of the locations specified below, provide a sufficient shield.

- Location subject to electrostatic noise
- Location where high electrical or magnetic field is present
- Location with the mains or power lines passing nearby

1. Noise Elimination Grounding (Frame Ground)

Controller

FG connection terminal of main body and PE terminal on the power supply connector on 3000W or more.

Use a copper wire cable with its width 2.0mm² (AWG14) or more for wiring. Have the size 3.3mm² (AWG12) or bigger for 3000W and above.

Earth Terminal

Grounding resistance at 100Ω or less (Formerly Class-III grounding)

Controller

Other equipment

Controller

Other equipment

Other equipment

Do not share the ground wire with or connect to other equipment. Ground each controller.

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- Figure 1: Recommended installation of the Regenerative Resistor Unit. The diagram shows the unit being installed between a brake box and a fan. Key dimensions include: 50mm or more clearance above the brake box, 10mm or more clearance between the brake box and the unit, 50mm or more clearance below the unit, 100mm or more clearance below the fan, and 50mm or more clearance between the unit and the fan. The fan is labeled "Air Flow" and "Fan". A note says "Place a fan to make the ambient temperature even". A side view shows the unit with a fan and a note "150mm or more".

Diagram illustrating the required clearances for the installation of the device:

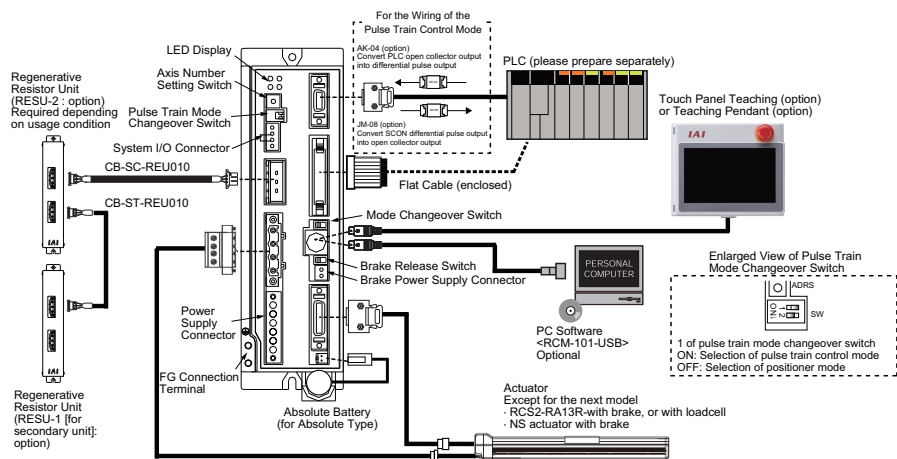
- Top clearance: 100mm or more
- Bottom clearance: 50mm or more
- Side clearance (between units): 30mm or more
- Side clearance (from wall): 150mm or more
- Air flow direction is indicated by arrows pointing upwards.

Connection Diagram

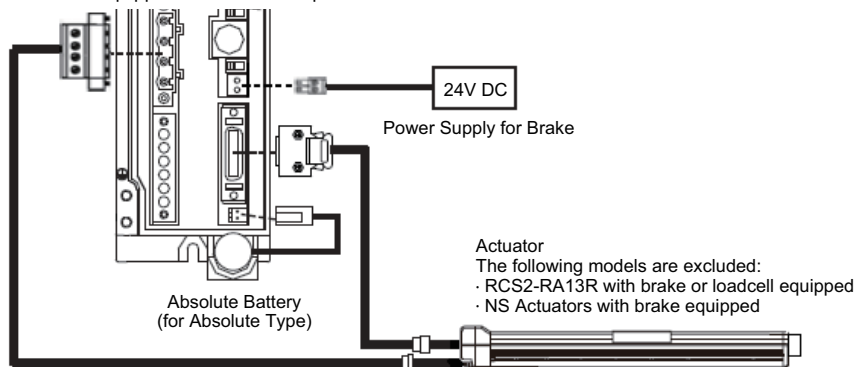
Refer to RCON System Instruction Manual (ME0384) for RCON Connection Type.

SCON-C/CA/CB/CGB (For ~750W Motor)

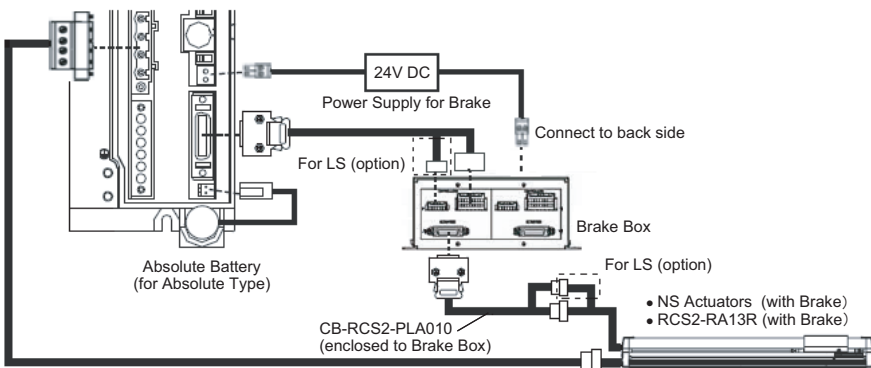
- Standard



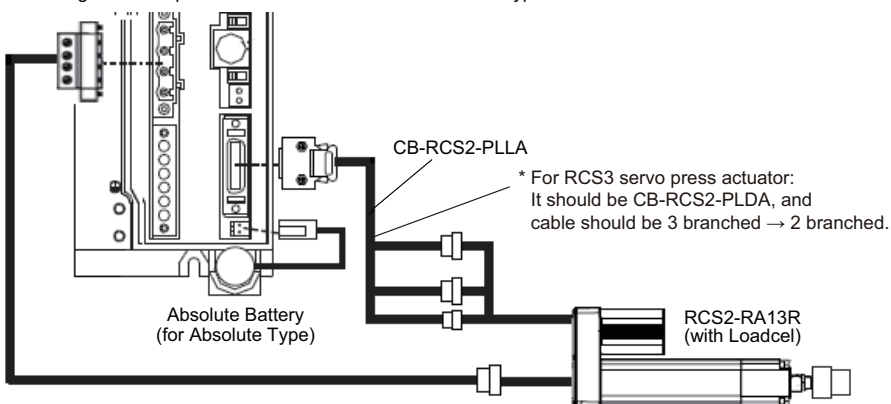
- For Models Equipped with brake Except for RCS2-RA13R and NS Actuators



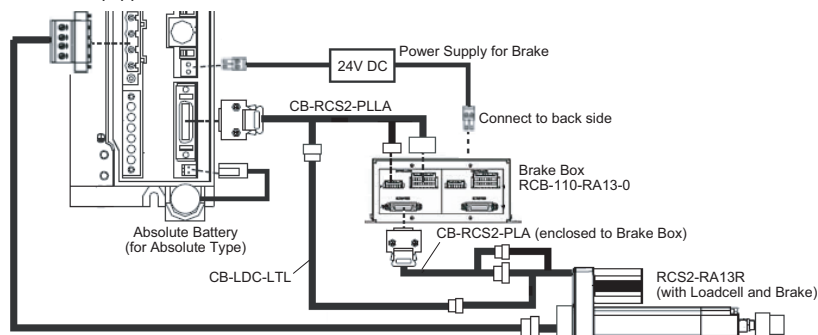
- RSC2-RA13R Equipped with Brake, with no Loadcell, or NS Actuators with Brake



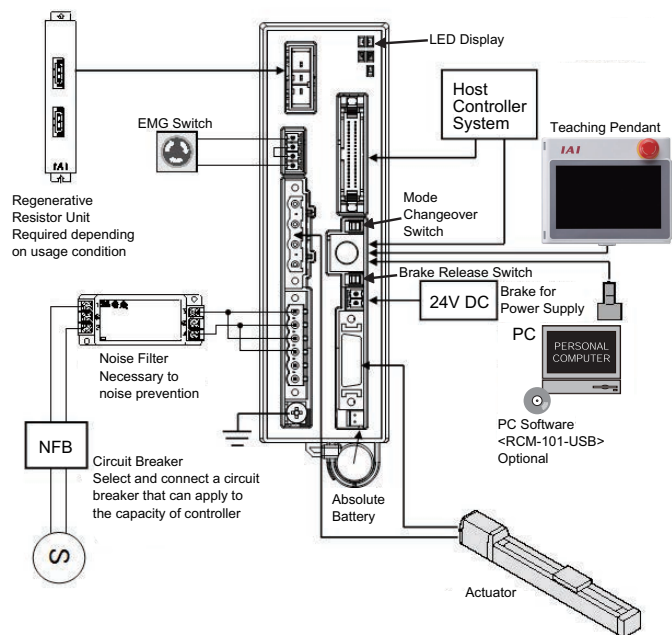
- For RCS2-RA13R equipped with no brake and with loadcell for SCON-CA/CB/CGB or for when connecting the servo press actuator to CB/CGB Servo Press Type



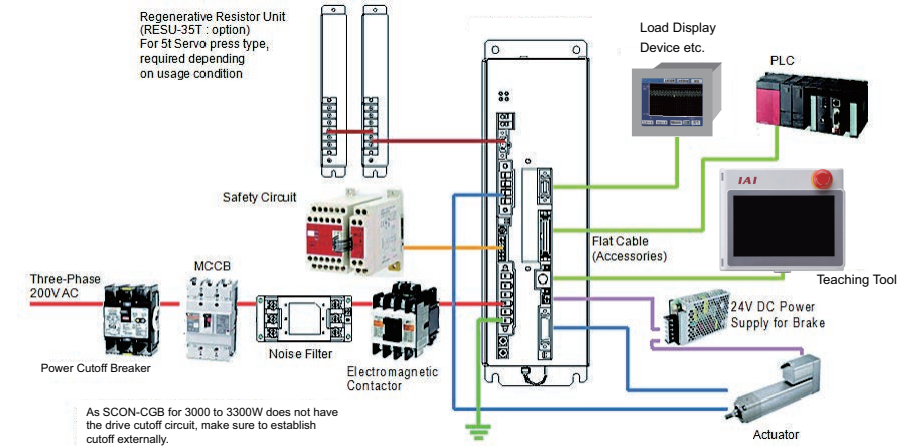
- RCS2-RA13R Equipped with Brake and Loadcell in SCON-CA/CB/CGB



SCON-CAL/CGAL

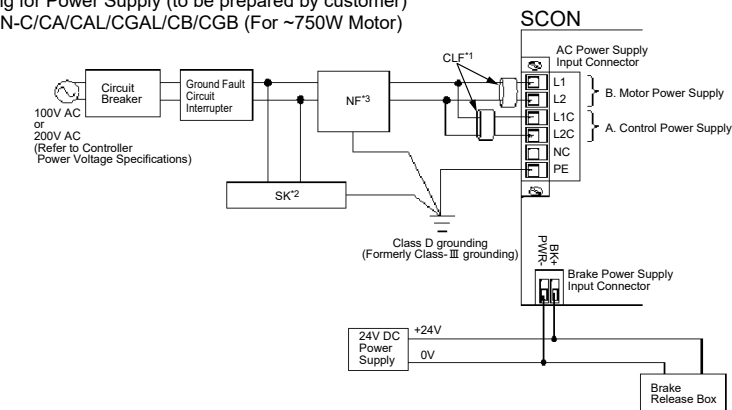


SCON-CGB (For 3000 to 3300W Motor)

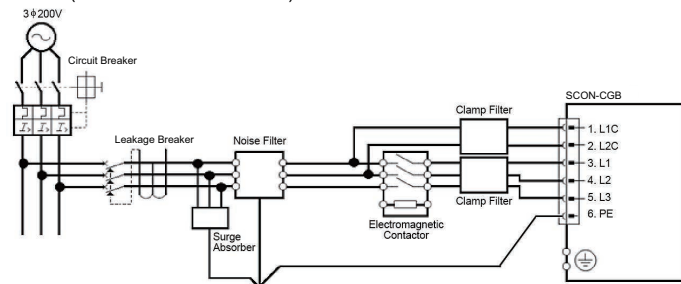


Power Supply and Emergency Stop Circuit

- Wiring for Power Supply (to be prepared by customer)
SCON-C/CA/CAL/CGAL/CB/CGB (For ~750W Motor)



SCON-CGB (For 3000 to 3300W Motor)

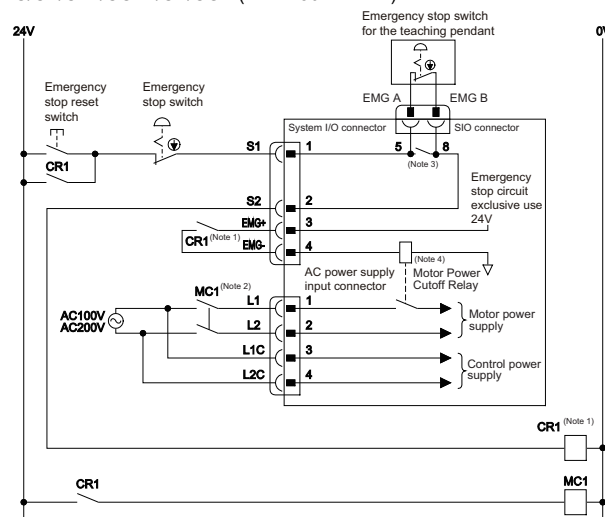


Power consumption varies depending on the connected actuator, etc. Select the circuit breaker that suits to the specification. [Refer to Basic Specifications]
A ground fault circuit interrupter needs to be selected carefully considering the purposes of prevention of fire and protection of human. Use the "harmonic type" for the ground fault circuit interrupter.
Also, check the leak current at the set points.
Refer to the instruction manual for the recommended models for the noise filter, clamp filter and surge absorber.

- Wiring for Emergency Stop Input

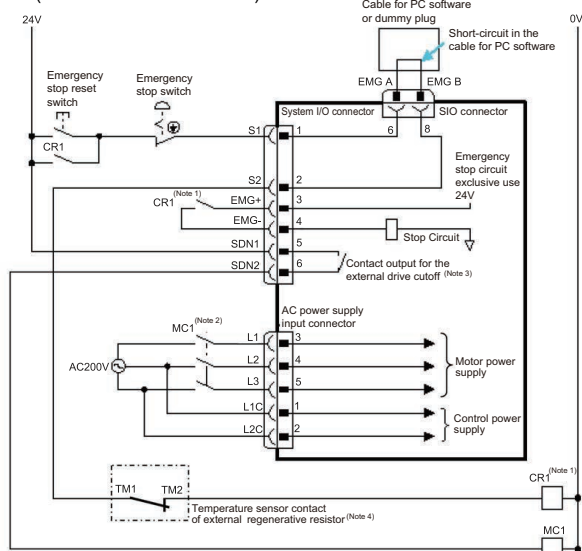
The following diagram shows an example of how the emergency stop switch for the teaching pendant may be included in the emergency stop circuit you may construct.

SCON-C/CA/CAL/CGAL/CB/CGB (For ~750W Motor)



- Note 1 The power rating of the motor power-OFF relay turning ON/OFF with contact CR1 is 24V DC and 10mA or less.
Note 2 Connect such as a connector to L1/L2 terminals when cutting OFF the motor power source externally.
Note 3 CGAL/CGB Types are not equipped with a relay to enable to automatically identify a teaching tool was inserted and switch the wiring layout. (The system I/O connector does not get short-circuited between S1 and S2 terminals even if a teaching tool is removed. Connect the enclosed dummy plug DP-5 to the SIO connector when it is necessary to have short-circuit.)
The controller on except for CGAL/CGB Types automatically identifies that a teaching tool was inserted. (Short-circuit is made between S1 and S2 terminals inside the controller once connection is detected.)
Note 4 Since there is no motor power cutoff relay in CGAL/CGB Types, make sure to establish a cutoff relay externally.

SCON-CGB (For 3000 to 3300W Motor)



- Note 1 The power rating of the motor power-OFF relay turning ON/OFF with contact CR1 is 24V DC and 10mA or less.
Note 2 Connect such as a connector to L1/L2/L3 terminals when cutting off the motor power source externally. (This controller not equipped with the drive cutoff relay mounted inside the controller.)
Note 3 It is the contact output to control the drive source breaker connected externally. The rating is 30V DC and 20mA or less.
Note 4 Connect a temperature sensor when an external regenerative resistor unit is connected.

I/O Signal

Explanation of I/O Signal Functions

* Refer to instruction manual for not described signals and details.

Category	Signal Abbreviation	Signal Name	Function Description
Input	CSTR	Start Signal (PTP Strobe)	Starts moving toward the position set in Command Position No.
	PC1 to PC256	Command Position No.	To input position No. desired to move (binary input)
	SON	Servo ON	Turn the signal ON to servo ON, turn the OFF to Servo OFF.
	HOME	Home return	Perform the home-return operation with the signal rising edge (OFF → ON).
	ST0 to ST6	Start Signal 0 to 6	The actuator moves to the commanded position with this signal ON during the electromagnetic valve mode. (CSTR signal is not required)
	RSTR	Datum Position Movement Command	Movement is made to the position set in Parameter No. 167 when the signal is turned ON.
	PEND/INP	Position Completion	Turns ON in the positioning band range after actuator operation. PEND signal will not turn OFF once it turns ON until the next operation even if the actuator goes OFF the range of positioning band. INP will turn OFF. PEND and INP can be switched over by the parameter.
Output	PM1 to PM256	Completion Position No.	Outputs (binary output) the position No. that is reached at the same time the positioning is complete.
	PZONE	Position Zone	Turns ON when the current actuator position gets into the range set to the position data during the move towards the position. It can be utilized together with ZONE 1, however, PZONE is effective only when moving towards the set position.
	*EMGS	Emergency Stop Output	Turns ON when the controller emergency stop is cancelled, and OFF during the emergency stop (regardless of alarms).
	PE0 to PE6	Current Position Number	Turns ON when moving to the target position is complete in Electromagnetic Valve Mode.
	LS0 to LS2	Limit Switch Output	Turns ON when the current actuator position is within the range of positioning band (±) of the target position. It is output even before the movement command and the servo is OFF if the home-return operation is completed.
	*ALML	Light Error Alarm (dedicated for SCON-C)	This turns OFF when any of the absolute battery alarm, overload alarm or message level alarm is occurred.
	REND	Datum Position Movement Complete	Turns ON when movement to the datum position set in Parameter No. 167 is finished.

Signal Assignment for Each Mode

The signal assignment of I/O flat cable by the PIO pattern is as shown below. Follow the following table to connect the external equipment (such as PLC).

Corresponding Type			All Types				
Pin No.	Category	PIO Functions	Selection in Parameter No. 25 (PIO Pattern)				
			0	1	2	3	4
			Positioning mode	Teaching mode	256-point mode	512-point mode	Electromagnetic Valve Mode
1A	24V		P24				
2A	24V		P24				
3A	—		—				
4A	—		—				
5A	Input	IN0	PC1	PC1	PC1	PC1	ST1
6A		IN1	PC2	PC2	PC2	PC2	ST2
7A		IN2	PC4	PC4	PC4	PC4	ST3
8A		IN3	PC8	PC8	PC8	PC8	ST4
9A		IN4	PC16	PC16	PC16	PC16	ST5
10A		IN5	PC32	PC32	PC32	PC32	ST6
11A		IN6	—	MODE	PC64	PC64	—
12A		IN7	—	JISL	PC128	P128	—
13A		IN8	—	JOG+	—	PC256	PC256
14A		IN9	BKRL	JOG—	BKRL	BKRL	BKRL
15A		IN10	RMOD	RMOD	RMOD	RMOD	RMOD
16A		IN11	HOME	HOME	HOME	HOME	HOME
17A		IN12	*STP	*STP	*STP	*STP	*STP
18A		IN13	CSTR	CSTR/PWRT	CSTR	CSTR	—
19A		IN14	RES	RES	RES	RES	RES
20A		IN15	SON	SON	SON	SON	SON
1B	Output	OUT0	PM1 (ALM1)	PM1 (ALM1)	PM1 (ALM1)	PM1 (ALM1)	PM0
2B		OUT1	PM2 (ALM2)	PM2 (ALM2)	PM2 (ALM2)	PM2 (ALM2)	PM1
3B		OUT2	PM4 (ALM4)	PM4 (ALM4)	PM4 (ALM4)	PM4 (ALM4)	PM2
4B		OUT3	PM8 (ALM8)	PM8 (ALM8)	PM8 (ALM8)	PM8 (ALM8)	PM3
5B		OUT4	PM16	PM16	PM16	PM16	PM4
6B		OUT5	PM32	PM32	PM32	PM32	PM5
7B		OUT6	MOVE	MOVE	PM64	PM64	PM6
8B		OUT7	ZONE1	MODES	PM128	PM128	ZONE1
9B		OUT8	PZONE/ZONE2	PZONE/ZONE1	PZONE/ZONE1	PM256	PZONE/ZONE2
10B		OUT9	RMDS	RMDS	RMDS	RMDS	RMDS
11B		OUT10	HEND	HEND	HEND	HEND	HEND
12B		OUT11	PEND	PEND/WEND	PEND	PEND	PEND
13B		OUT12	SV	SV	SV	SV	SV
14B		OUT13	*EMGS	*EMGS	*EMGS	*EMGS	*EMGS
15B		OUT14	*ALM	*ALM	*ALM	*ALM	*ALM
16B		OUT15	*BALM	*BALM	*BALM	*BALM	*BALM
17B	—		—				
18B	—		—				
19B	0V		N				
20B	0V		N				

(Note) “*” in codes above shows the signal of the active low (A signal of active low is a signal that the input signal is processed when it is turned OFF, output signal is ordinary on while the power is ON, and turns OFF when the signal is output.).
PM1 to PM8 indicate the alarm binary code output signal when an alarm is generated.
[Refer to the instruction manual for details]

Corresponding Type		All Types		CA Type		C/CA/CB Type		C/CA/CB Types	
Pin No.	Category	PIO Functions	Selection in Parameter No. 25 (PIO Pattern)				Pulse Train Control Mode		Servo Press
			5	6	7	1	2		
			Electromagnetic Valve Mode 2	Force Control Mode 1	Force Control Mode 2	For Incremental	For Absolute		
1A	24V		P24						
2A	24V		P24						
3A	—		—						
4A	—		—						
5A	Input	IN0	ST0	PC1	ST0	SON	SON	PC1	
6A		IN1	ST1 [JOG+]	PC2	ST1	RES	RES	PC2	
7A		IN2	ST2 ^{*1}	PC4	ST2	HOME	HOME	PC4	
8A		IN3	—	PC8	ST3	TL	TL	PC8	
9A		IN4	—	PC16	ST4	CSTP	CSTP	PC16	
10A		IN5	—	—	—	DCLR	DCLR	PC32	
11A		IN6	—	—	—	BKRL	BKRL	PSTR	
12A		IN7	—	—	—	RMOD	RMOD	PHOM	
13A		IN8	—	CLBR	CLBR	—	RSTR ^{*3}	ENMV	
14A		IN9	BKRL	BKRL	BKRL	—	—	FPST	
15A		IN10	RMOD	RMOD	RMOD	—	—	CLBR	
16A		IN11	—	HOME	HOME	—	—	BKRL	
17A		IN12	—	*STP	*STP	—	—	RMOD	
18A		IN13	—	CSTR	—	—	—	HOME	
19A		IN14	RES	RES	RES	—	—	RES	
20A		IN15	SON	SON	SON	—	—	SON	
1B	Output	OUT0	LS0	PM1 (ALM1)	PE0	PWR	PWR	PCMP	
2B		OUT1	LS1 [TRQS]	PM2 (ALM2)	PE1	SV	SV	PRUN	
3B		OUT2	LS2 ^{*1}	PM4 (ALM4)	PE2	INP	INP	PORG	
4B		OUT3	—	PM8 (ALM8)	PE3	HEND	HEND	APRC	
5B		OUT4	—	PM16	PE4	TLR	TLR	SERC	
6B		OUT5	—	TRQS	TRQS	*ALM	*ALM	PRSS	
7B		OUT6	—	LOAD	LOAD	*EMGS	*EMGS	PSTP	
8B		OUT7	ZONE1	CEND	CEND	RMDS	RMDS	MPHM	
9B		OUT8	PZONE/ZONE2	PZONE/ZONE1	PZONE/ZONE1	ALM1	ALM1	JDOK	
10B		OUT9	RMDS	RMDS	RMDS	ALM2	ALM2	JDNG	
11B		OUT10	HEND	HEND	HEND	ALM4	ALM4	CEND	
12B		OUT11	—	PEND	PEND	ALM8	ALM8	RMDS	
13B		OUT12	SV	SV	SV	—/*ALML ^{*2}	—/*ALML ^{*2}	HEND	
14B		OUT13	*EMGS	*EMGS	*EMGS	REND ^{*3}	REND ^{*3}	SV	
15B		OUT14	*ALM	*ALM	*ALM	ZONE1	ZONE1	*ALM	
16B		OUT15	*BALM	*BALM	*BALM	ZONE2	ZONE2	*ALML	
17B	—		—						
18B	—		—						
19B	0V		N						
20B	0V		N						

(Note) Shown in [] after the signal names above tell the functions performed before the home-return operation.

*** in codes above shows the signal of the active low.

PM1 to PM8 indicate the alarm binary code output signal when an alarm is generated.

[Refer to the instruction manual for details]

*1 It is invalid before home-return operation. *2 Dedicated for SCON-CA. *3 Dedicated for SCON-CB.

PIO Input and Output Interface

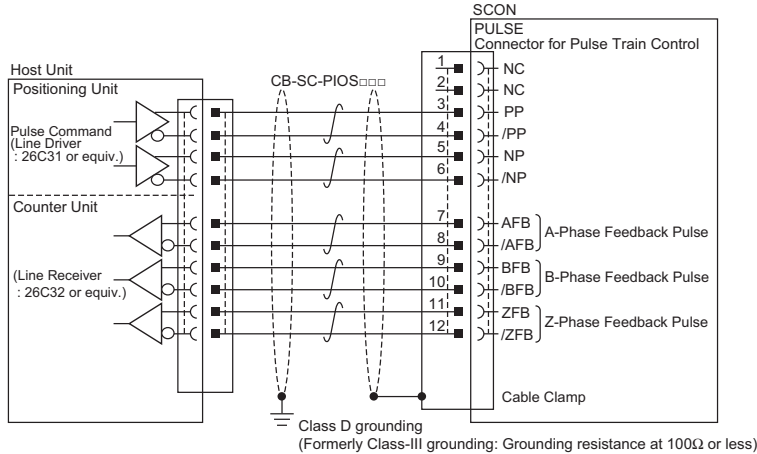
		Input section		Output section	
Specification		Input voltage	24V DC±10%	Load voltage	24V DC
		Input current	4mA 1 circuit :	Peak load electric current	SCON-C/CA : 100mA/1 point, 400mA/(Load current total) SCON-CAL/CGAL/CB/CGB : 50mA/1 point, 400mA/(Load current total)
		ON/OFF voltage	ON voltage OFF voltage	MIN. 18V DC MAX. 6V DC	Leak Current MAX.0.1mA/1 point
SCON-CA/CB/CGAL/CGAL	P N Z	Controller		Controller	
	P N Z	Controller		Controller	
SCON-C	P N Z	Controller		Controller	

Operation in Pulse Train Control Mode (Dedicated for SCON-C/CA/CB/CGB)

Pulse Train Input and Output Interface

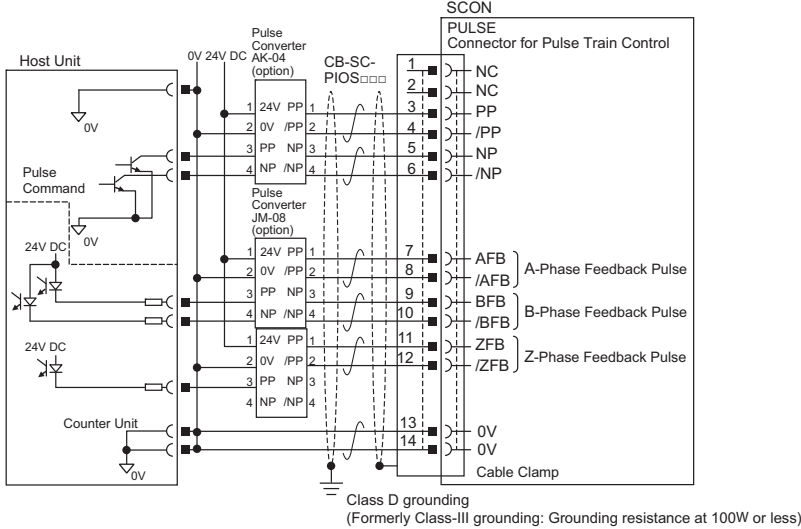
Category	Abbreviated Code	Signal Name	Contents of Functions
Input	PP, /PP	Command Pulse Input	Inputs the command pulse train. Input pulse frequency differs depending on the type. [Refer to Basic Specifications]
	NP, /NP		
Output	AFB, /AFB	Feedback Pulse Output	Outputs the feedback pulse train. Input pulse frequency differs depending on the type. [Refer to Basic Specifications]
	BFB, /BFB		
	ZFB, /ZFB		

• When Host Unit is Differential System



• When Host Unit is Open Collector System

AK-04 (option) is required for pulse train input. JM-08 (option) is required for pulse train output.



Only the plug and the shell are equipped for the standard type. [Refer to Product Check Section.]
Perform the same cable layout as the optional connector cable for the pulse train control.
Pin assignment should be the same.

Multi Function Connector (Dedicated for Servo Press Type)

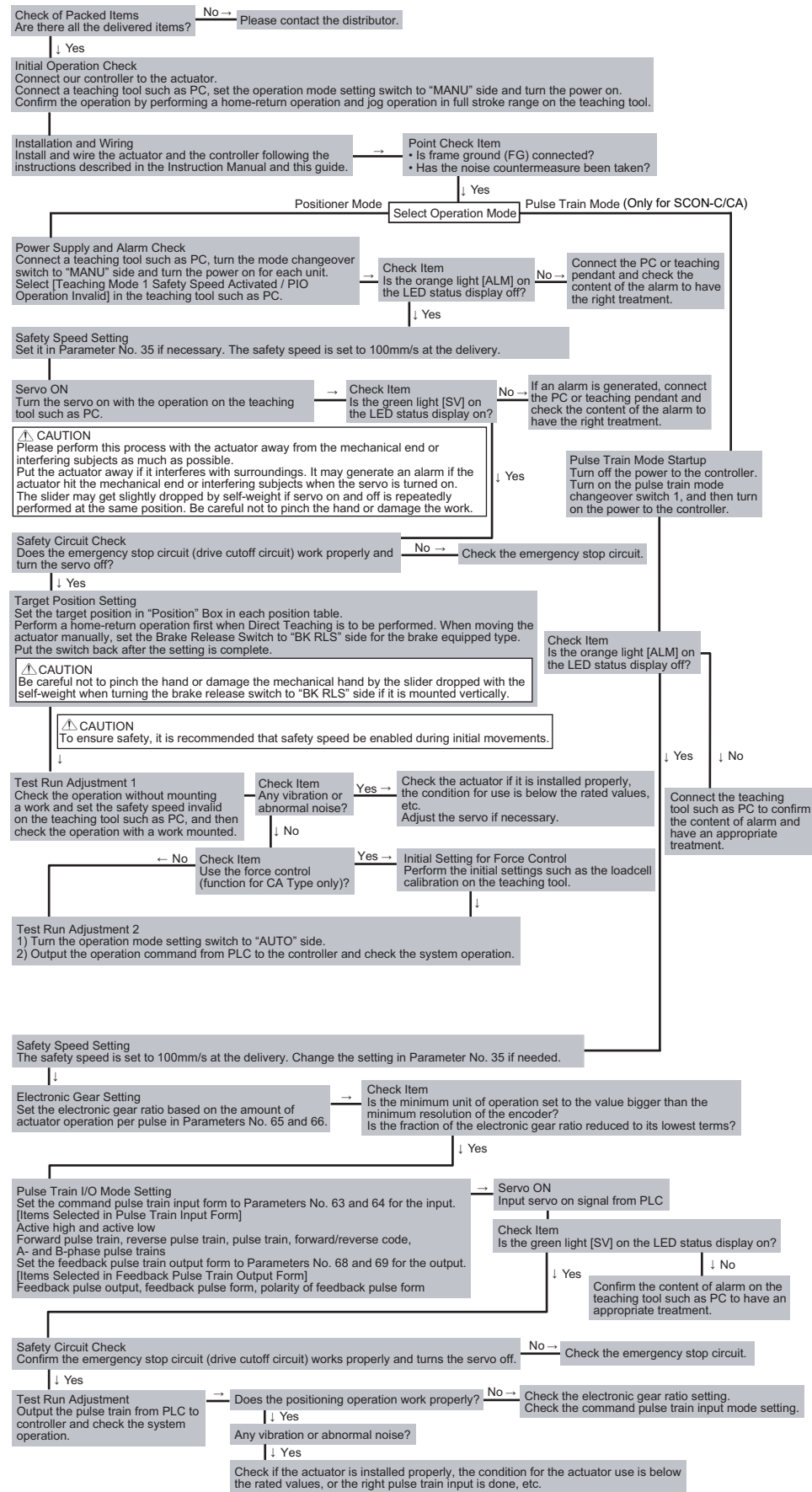
Solder wires on the enclosed connector (model code: 10114-3000PE) for wiring.

Pin No.	Signal Name	Contents	Applicable cable diameter
1	IOUT	Output loadcell load data in analog data	0.2mm ² (AWG24)
2	GND	(current 4 to 20mA)	
3	SD+	SIO signal lines for display device	
4	SD-		
5, 6	-	Not to be used	
7	AFB	Feedback pulse (+A)	
8	/AFB	Feedback pulse (-A)	
9	BFB	Feedback pulse (+B)	
10	/BFB	Feedback pulse (-B)	
11	ZFB	Feedback pulse (+Z)	
12	/ZFB	Feedback pulse (-Z)	
13, 14	GND	0V	

Starting Procedures

When using this product for the first time, make sure to avoid mistakes and incorrect wiring by referring to the procedure below. "PC" stated in this section means "PC software".

* Refer to instruction manuals for the servo-press type and RCON Connection Type for startup.



● Action to Take When Error Occurred

Shown below are the alarms that you may often see after power up. Have an appropriate treatment following the instructions below.

Please refer to the Instruction Manual for other alarms.

Error Code	Error Description	Cause and Treatment
069	Real Time Clock Operation Stop Detection	It indicates the calendar function has stopped and the current time data has lost. Have the clock settings again from the teaching tool.
0A5	Electromagnetic Brake Release Failure Error	Brake could not be released for the electromagnetic brake equipped type. Check the 24V power supply for electromagnetic brake.
0CF	I/O 24V Power Supply Error	An error is occurred in 24V power supply for PIO. Check the voltage of the 24V power supply for PIO.
0E5	Encoder Receive Error	This error code appears when the right signal was not received from the encoder side to the controller command. Check if any wire breakage on a connector and the condition of wire connections. If no error is generated under the condition that the power to all the peripheral equipment is shut and operate only this controller and the actuator, noise can be considered as the cause of the problem.
0E7	A-, B- and Z-Phases Breakage Error	It is the condition that the encoder signal is not properly detected. Check if any wire breakage on a connector and the condition of wire connections.
0EE	Absolute Encoder Error Detection 2	This error code appears when the absolute encoder PCB cannot detect the position information properly. The voltage for the absolute data battery is dropped. Check the battery alarm output on PIO, and if it is OFF, replace the battery. Perform Absolute Reset after the replacement. Check the encoder cable connection.
20A	Servo OFF While in Operation	It shows the operation command was generated in the condition that the servo is OFF. Resume the operation after turning the servo ON.



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