

Simple Absolute Unit for ACON ACON - ABU Simple Absolute Unit for PCON PCON - ABU

By simply connecting to the ACON/PCON controller, the RCA/RCP2 actuator is changed to the basic absolute specifications

Models & pricing:

ACON-ABU

Set includes:

- Main unit for simple absolute unit (unit model ABU)
- Back-up battery (unit model AB-7)
- Controller connection cable (unit model CB-AC-PJ002)

Models & pricing:

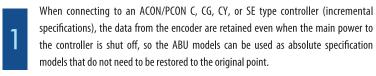
PCON-ABU

Set includes:

- Main unit for simple absolute unit (unit model ABU)
- Back-up battery (unit model AB-7)
- Controller connection cable (unit model CB-PC-PJ002)



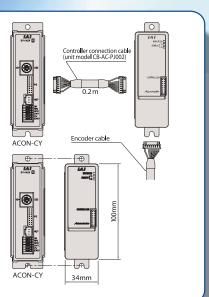
Features



The absolute models are the same size (34 mm wide x 100 mm high x 75.3 mm deep) as the compact CY and SE compact specification models, so they can even be installed in confined spaces.

3 Encoder data can be retained for up to 20 days.

While the encoder data are retained, if the actuator slider or rod are moved faster than a certain speed, an error is generated. Please see the specifications on the back for the allowable speed (number of rotations).

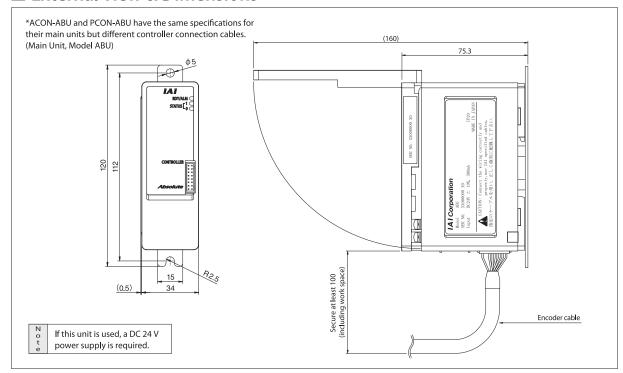


Specifications

Component	Specifications			
Model	ACON-ABU		PCON-ABU	
Connecting controller	ACON-C/CG/CY/SE		PCON-C/CG/CY/SE	
	When procuring a controller to connect with the simple absolute unit, add - <u>ABU</u> to the end of the controller model designation. Example: ACON-C-20 I-NP-2-0-ABU			
Connecting actuator	RCA Series RCP2 Series (*2)			eries (*2)
Controller connection cable (included)	Model CB-AC-PJ002 (0.2 m)		Model CB-PC-PJ002 (0.2 m)	
Main unit, simple absolute unit	Model ABU			
Back-up battery (included)	Model AB-7 (NiMH battery, life of approximately 3 years)			
Power supply voltage	DC24V±10%			
Power supply current	max300mA			
Ambient operating temperature	0 to 40°C (About 20°C is desirable)			
Ambient operating humidity	95% RH or less (no condensation)			
Ambient operating environment	No corrosive gases, no dust			
Mass	330g			
No. of allowable cycles for encoder while data is retained (*3)	800rpm	400rpm	200rpm	100rpm
Positioning data retention time (*3)	120h	240h	360h	480h

^(*1) The standard price includes a set consisting of the main unit for the simple absolute unit, back-up battery, and controller connection cable.

■ External View & Dimensions



^(*) Cannot be used for RACC, RA1OC, GRS, GRM, GR3LS, GR3LM, GR3SS, GR3M, RTS, RTC, or RCPUX-516C.

(*3) Positioning data retention time varies based on the allowable number of rotations for the encoder while the data are retained. (800rpm—120h/400rpm—240h/200rpm—360h/100rpm—480h)