SDC45A

Product Data Sheet

C45A2A1C000300

Digital indicating temperature controller

UNIVERSAL INPUTS	RATED POWER SUPPLY	SUPPLY OPERATING RANGE	SAMPLING CYCLE
2	**100 to 240 V AC**	**85 to 264 V AC**	**25 ms**

Azbil C45A2A1C000300 is an SDC45A digital indicating controller with two universal inputs and a 100–240 V AC power supply. It combines fast 25 ms sampling with a dual five-digit display for the configured process values and setpoints.

01 TECHNICAL DATA

Universal inputs	2
Rated power supply	100 to 240 V AC
Supply operating range	85 to 264 V AC
Sampling cycle	25 ms
Indication accuracy	±0.1% of reading under specified conditions
Outputs 1 and 2	One 1a1b relay
Output 3	Current output
Output 5	None
Outputs 6 and 7	None
Digital inputs	2

02 ADDITIONAL PRODUCT DATA

Digital outputs	8
Serial interface	RS-485
Operating temperature	0 to 50 °C
Front protection	IP65
Maximum operating altitude	2000 m

03 PRODUCT FUNCTION

This detailed order configuration selects one 1a1b relay for outputs 1 and 2, a current output at OUT3, and the option providing two digital inputs, eight digital outputs and RS-485. Outputs 5, 6 and 7 are not fitted in this configuration, distinguishing it from other SDC45A combinations.

04 SYSTEM COMPATIBILITY

Use the outputs actually selected by this complete order code: the 1a1b relay and OUT3 current output. The digital option adds two inputs, eight outputs and RS-485; terminals for unfitted output options must not be treated as active channels.

05 REFERENCE

Azbil SDC45A/46A specification CP-SS-1840E-08; C45A ordering guide and general specifications

AMIKON PRODUCT SUPPORT

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