

Digital Input Multiplexer

DA 6 is a multiplexer unit which enables a maximum of 6 digital inputs to be monitored by one analogue input channel of the control system.

DA 6 can be used to add digital inputs when there are free analogue inputs available. The multiplexer is coupled to the analogue input by a 3-wire connection.

Each digital input generates a signal. From the magnitude of the signal the control system senses which digital inputs are activated. The LEDs show to the operator which contacts are energized. The signal changes in binary form, so that the smallest step is 1/63 of the full signal (158.7mV or 0.254mA/step). DA 6 is mounted by clipping it onto a standard DIN rail. The safety class of the base plate is IP 20, and its dimensions are 67.5W x 77H x 42D mm.



Model Type	Model	Description
	DA 6	Digital Input Multiplexer
Technical Data	Power supply	24Vac, 1VA
	Inputs	potential-free contacts max. lines resistance 10k Ω
	Output to controller	0...10V, 10mA
	Output to controller	4...20mA
	Dimensions	67.5W x 77H x 42D mm
Wiring Terminals	24Vac	supply voltage 24Vac
	0V	supply voltage 0V
	U	output signal 0...10Vdc
	I	output signal 4...20mA
	1	contact input 1
	C	common
	2	contact input 2
	C	common
	3	contact input 3
	C	common
	4	contact input 4
	C	common
	5	contact input 5
C	common	
6	contact input 6	
C	common	

Dimensions

