

# INTELLPAK First-order Computing Unit | IP50FLA/FLC

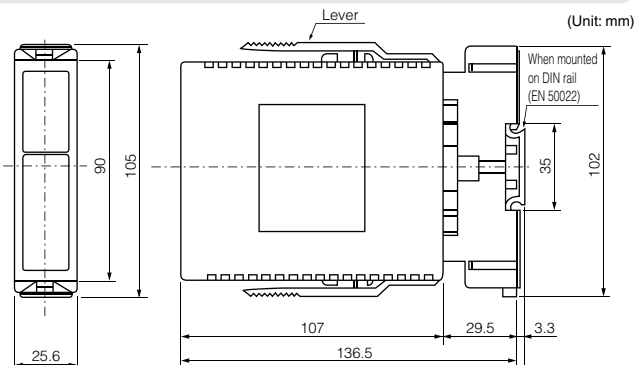
The INTELLPAK IP50FLA/FLC is a thin plug-in first-order delay computing unit that produces a DC signal output after a first-order delay is processed for the DC signal input.



## Specifications

<b>Input</b>	<b>Input type</b>	DC voltage and DC current, Refer to Table 1.		
<b>Output</b>	<b>Output type</b>	DC voltage and DC current, Refer to Table 2.		
<b>General specifications</b>	<b>Accuracy</b>	±0.1% FS at the reference temperature of 23 °C		
	<b>Response time</b>	Variable between 0.5 to 20 s for 63% response time		
	<b>Power supply type</b>	AC	DC	
	<b>Rated power supply voltage</b>	100/110/120 Vac 50/60 Hz	200/220/240 Vac 50/60 Hz	24 Vdc
	<b>Power consumption</b>	Approx. 4.5 VA		Approx. 2.2 VA
	<b>Weight</b>	Approx. 200 g (including base socket)		

## External dimensions



## Model No. configuration

Ex.: IP50FLC10ADT0

Basic model No.	Input type	Output type	Power supply voltage	Addition	Description
IP50FLA					Non-isolation type first-order delay computing unit
IP50FLC					Isolation type first-order delay computing unit
Select from Table 1 ▶	Select from Table 2 ▶				
			A		100/110/120 Vac 50/60 Hz
			B		200/220/240 Vac 50/60 Hz
			D		24 Vdc
			00		None
			T0		Tropicalization treatment
			D0		Inspection certificate
			B0		Tropicalization treatment + inspection certificate
			Y0		Supports traceability certification

Table 1. Input types

Additional code	Input type	Input impedance
10	0 to 10 mV	1 MΩ
11	0 to 100 mV	1 MΩ
12	0 to 1 V	1 MΩ
13	0 to 5 V	1 MΩ
14	1 to 5 V	1 MΩ
15	0 to 10 V	1 MΩ
16	0 to 50 mV	1 MΩ
17	0 to 60 mV	1 MΩ
30	0 to 10 μA	1 kΩ
31	0 to 100 μA	100 Ω
32	0 to 1 mA	100 Ω
33	0 to 10 mA	50 Ω
34	0 to 16 mA	50 Ω
35	0 to 20 mA	50 Ω
36	4 to 20 mA	50 Ω

Note: Input type 0 to 10 μA can be selected, but it cannot be used for converting the flame current of a Protectorelay or flame relay.

Table 2. Output types

Additional code	Output type	Allowable load resistance
A	4 to 20 mA	750 Ω or less
B	1 to 5 mA	3 kΩ or less
C	2 to 10 mA	1.5 kΩ or less
D	0 to 1 mA	15 kΩ or less
E	0 to 10 mA	1.5 kΩ or less
F	0 to 16 mA	937 Ω or less
G	0 to 20 mA	750 Ω or less
H	1 to 5 V	2.5 kΩ or more
J	0 to 10 mV	10 kΩ or more
K	0 to 100 mV	100 kΩ or more
L	0 to 1 V	500 Ω or more
N	0 to 5 V	2.5 kΩ or more
P	0 to 10 V	5 kΩ or more

## Optional parts (separately sold)

Name	Model No.
Vibration isolation bracket	QN718A