

INTELLPAK Reverser | IP50RVA/RVC

The INTELLPAK IP50RVA/RVC is a thin plug-in reverser that produces a reversed DC signal output from a DC input signal.

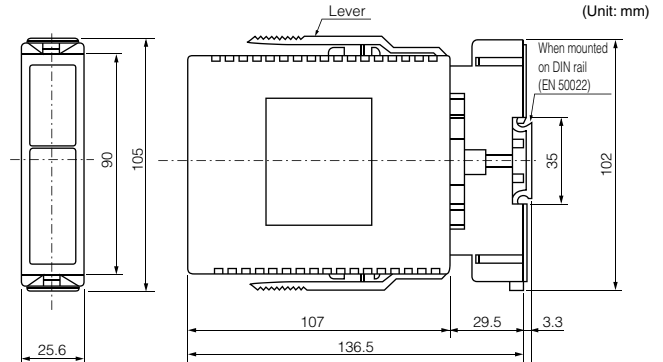
For example, in the case of a 4-20 mA input signal, a 4 mA input would be reversed to become a 20 mA output, and a 20 mA input would become a 4 mA output.



Specifications

General specifications	Input	Input type	DC voltage and DC current, Refer to Table 1.		
	Output	Output type	DC voltage and DC current, Refer to Table 2.		
	Accuracy	±0.1% FS at the reference temperature of 23 °C			
	Response time	25 ms for 90% response			
	Power supply type	AC		DC	
	Rated power supply voltage	100/110/120 Vac 50/60 Hz	200/220/240 Vac 50/60 Hz	24 Vdc	
	Power consumption	Approx. 4.5 VA		Approx. 2.2 VA	
	Weight	Approx. 200 g (including base socket)			

External dimensions



Model No. configuration

Ex.: IP50RVA10ADT0

Basic model No.	Input type	Output type	Power supply voltage	Addition	Description
IP50RVA					Non-isolation type reverser
IP50RVC					Isolation type reverser
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