

INTELLPAK Monitor Switch | IP50MSS/MSD

The INTELLPAK IP50MSS/MSD is a thin plug-in monitor switch that generates a signal by opening and closing relay contacts or by turning open collector output on and off, if an input DC signal surpasses a set value.



Specifications

Input	Input type	DC voltage and DC current, Refer to Table 1.				
Output	Model No.	A	B	C	D	E
	Output type	IP50MSS One relay output (1a1b) IP50MSD Two relay outputs (1a)	Two relay outputs (1a)	IP50MSS One open collector output IP50MSD Two open collector outputs	Two relay outputs (1a)	Two relay outputs (1a)
General specifications	Accuracy	±1.0% FS at the reference temperature of 23 °C				
	Response time	Relay output: 100 ms. Open collector output: 25 ms				
	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. 3.9 VA	
	Weight	Approx. 200 g (including base socket)				

Model No. configuration

Ex.: IP50MSD10ADT0

Basic model No.	Input type	Output type	Power supply voltage	Addition	Description
IP50MSS					One-point output monitor switch (for output type A or C)
IP50MSD					Two-point output monitor switch
Select from Table 1 ▶					
		A			One relay output (1a1b) for IP50MSS Two relay outputs (1a, HH operation) for IP50MSD
		B			Two relay outputs (1a, HL operation)
		C			One open collector output (H operation) for IP50MSS Two open collector outputs (HL operation) for IP50MSD
		D			Two relay outputs (1a, LL operation)
		E			Two relay outputs (1a, LH operation)
			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

Additional code	Input type	Input impedance
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

Optional parts (separately sold)

Name	Model No.
Vibration isolation bracket	QN718A