VSAIL
Fire alarm system

VI-6777
Digital Isolate Interface

Tianjin VSAIL Intelligent Fire Technology Co.,Ltd
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Tianjin,301700, China

Feature

◇ Voltage-type isolation module
◇ Loop power supply
◇ Easy Installation
◇ Dual isolate control
◇ Supports both Class A and Class B wiring modes.
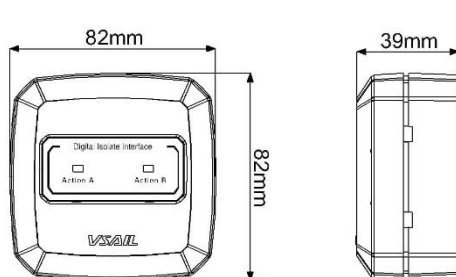◇ LPCB approved to EN 54-17

LPCB
1174h/01

Description

VI-6777 Digital Isolator Interface is the module that monitors the short circuit fault at the loop ,It has dual side isolation ,if it detects the short circuit on loop it will isolate that side to ensure loop communication signal will not be affected or interrupt by short-circuit fault. The advantage of a dual side isolation module can indicate the location of a short circuit through LED indicator ,facilitating on-site troubleshooting.
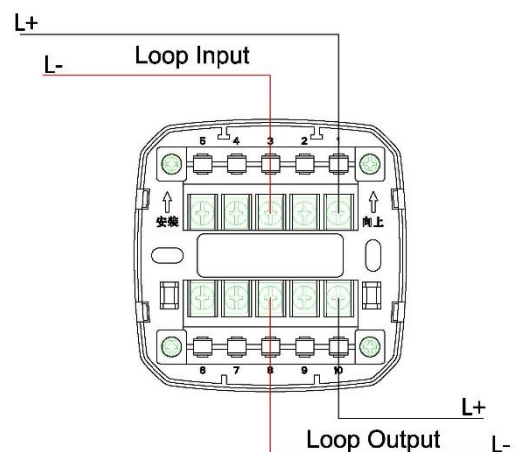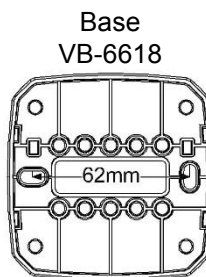
Technical data

Operating Voltage:	18-28V(Modulated-pulse)
Standby Current:	≤1mA
Isolate holding current:	≤10mA
Action condition:	Isolate input/output side short circuit or loop voltage ≤7.5V
Temperature range:	-10℃～50℃
Humidity:	≤95%RH，（40±2℃）No condensation
Isolate Indication:	**Active A or Active B** LED Emitting.
IP Rating:	32
Installation Base:	VB-6618
Weight:	Module 62g, Base 58g

Dimiension&Wiring

82mm

39mm

82mm

Base
VB-6618

62mm

L+
L- Loop Input

L+
Loop Output L-

Dimensions：82mm*82mm*39mm(Base included)

Notes:

➤ 1,3: connecting with Detection loop L+;L-(Input),A side isolate.

➤ 8,10: connecting with Detection loop L+;L- (Output),B side isolate.

➤ Maxmium 32 devices connect with one side of Isolate Interface.

➤ Please make sure 1,10 connect with L+;3,8 connect. With L-.It recommends using different colors to distinguish the line. Otherwise it will cause the loop wiring error.