

FEATURES

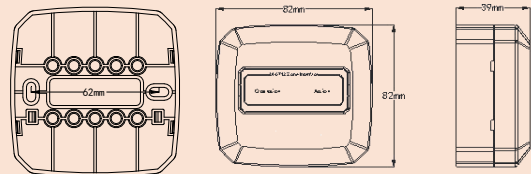
- * Electronic Addressing
- * Conventional zone up to 20 detectors
- * Monitored zone of active fire-fighting equipment
- * LED indications for status of operate, fire and fault
- * Line-fault check on supervised equipment
- * Interference-free between digital loop and analog input
- * External power supply required
- * Plug-in structure design for easy installation



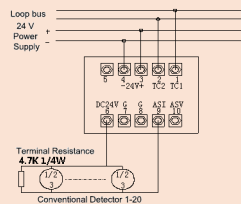
DESCRIPTION

VG-6712 Digital Zone Interface allows the use of conventional detectors in digital system, which can transmit alarm and fault message via detection loop in a zonal sense. Moreover, it can monitor the active-type fire-fighting equipment, such as flow switch, pressure switch, etc. When activated, the equipment will send a signal of voltage/current or dry contact to the interface. After receivable, VG-6712 will analysis and enter into alarm mode, and then report fire alarm to the digital panel. This interface has the function to check the faults of open-circuit and short-circuit on the monitored equipment, and indicates a fault status. The external power supply, supervised for interruptions on power, is required for the supply of conventional detectors. So the power supply for conventional zone is separated from the digital detection loop. There will be no interference between the digital loop and analog input. If the external power fails, a fault condition is reported at the digital panel

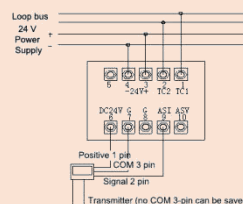
DIMENSION



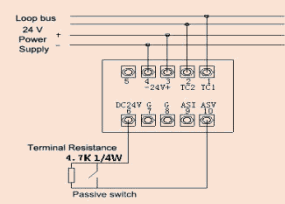
WIRING INSTRUCTION



Wiring Diagram with Conventional Detector



Wiring Diagram with (4-20mA) Transmitter and Other Equipment



Wiring Diagram with Passive switch

TECHNICAL DATA

Operating Voltage	DC16V-28V	Fault Condition	ASV < 4V or ASI < 4mA
Standby Current	≤ 0.5mA	EOL Resistor	4.7k
Action Current	≤ 1.5mA	Temperature	-10°C ~ +50°C
Conventional Input	Max. 20 detectors	Humidity	≤ 95%RH (40±2°C) non-condensing
Analog Input	ASV: 4~20V or ASI: 4~20mA	Installation	Wall-mount
Fire Condition	ASV > 16V or ASI > 16mA	Dimension	82*82*39mm (with base)
Weight	110.1g (with base)	Base	VG-6618