The KAL775 is a loop isolator for KSA700/KFP-A fire systems. It isolates the part of the loop cable with the short circuit or loop overload problem to allow the remainder of the devices on the loop to function normally. The KAL775 does not require an address on the loop. A local LED indicator warns of an isolated condition and the unit automatically resets when the short circuit condition on the loop is removed.

European regulations require that an isolator be placed where the loop cable enters and exits a zone, or such as to ensure that no more than 32 devices exist between two isolators.

Specifications

Operating voltages

Supply voltage	22-38 VDC
Isolation voltage	15.2 V
Reconnection voltage	16.4 V

Current consumption

Quiescent	2 mA
Isolation	10 mA

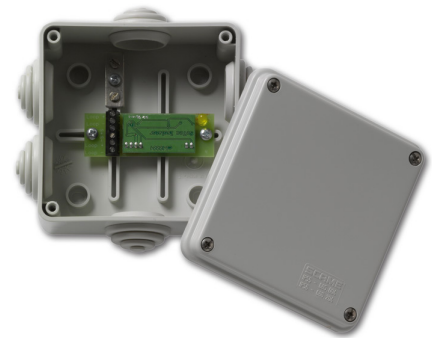**Environmental**

Storage temperature	-10°C to +70°C
Operating temperature	-10°C to +50°C
Relative humidity (non condensing)	10-95 %
IP Rating	IP55

Physical

Dimensions (L x W x H)	100 x 100 x 50 mm
Colour	Grey
Weight	165 g

Ordering Information

KAL775	700 Series Loop Isolator Unit

- EN54:17 and CPD certified
- Surface mount
- Requires no device address
- Loop powered
- Protects the loop against short circuit conditions
- Local status indication
- Automatic reset
- Part of a family of I/O modules consisting of:
  -Conventional zone monitors
  -Digital input modules
  -Extinguishing control modules
  -Loop Isolators
  -Manual call points
  -Relay and supervised output units
  -Fire door controllers