



PANASONIC

Panasonic 4439FI TVK IP66 manual call point with short-circuit isolator

Product code 50022 · Emergency lighting > Field devices

Enclosed addressable manual call point with short-circuit isolator for outdoor and damp areas, IP66. The TVK version has additional terminals for the emergency lighting supply voltage.

- IP66 and operating temperature $-25...+70\text{ }^{\circ}\text{C}$: for outdoor and damp areas
- Fully potted electronics, terminal strip at the rear only
- Built-in short-circuit isolator
- Approved to EN 54-11 and EN 54-17, VdS G 213005
- Addressable, connected directly to the COM loop
- Additional terminals for the emergency lighting supply voltage (TVK)



Product description

Panasonic 4439 is an enclosed addressable manual call point with a built-in short-circuit isolator. It is intended for outdoor use and damp premises, such as wash bays and car parks. The call point is activated by pressing the glass element until it breaks, and the fire alarm control panel then receives a fire alarm. The device must not be exposed to temperatures below $-25\text{ }^{\circ}\text{C}$.

All the electronics are fully potted, and only the terminal strip is accessible from the rear. When the call point is installed in the red back box supplied, together with the seal, the enclosure rating is IP66. A transparent polycarbonate protective flap prevents accidental activation. The indicator flashes to show communication (can be disabled in EBLWin) and is lit continuously after an alarm. Testing is carried out with a test key without breaking the glass.

Installation

The call point is mounted on the wall with the fixing lugs supplied. The required cable entries (max. $\varnothing 20\text{ mm}$) are opened in the top or bottom of the back box, and the cable glands are fitted before wall mounting. The connection conductor size is $0.5\text{--}2\text{ mm}^2$.

The COM loop address (001–253) is set automatically with EBLWin or manually with address setting tool 4414/4414E before connection to the loop. The call point works with EBL512 G3, EBLOne and EBL128 control panels; the short-circuit isolator is in use in NORMAL mode. Model 4433 is available for dry indoor premises.

TVK version

According to the product information, the TVK version has extra terminals for the emergency lighting power supply. This allows the 24 V emergency lighting supply line to be routed through the device along the same route as the COM loop, for example when MX emergency luminaires and exit signs are used.

Technical data

Product code	50022
Manufacturer	Panasonic
Product group	Emergency lighting > Field devices
Dimensions	87 × 87 × 66 mm (H × W × D)
Weight	237 g
Operating temperature	-25...+70 °C
Storage temperature	-40...+85 °C
Humidity	Max. 90% RH, non-condensing
IP rating	IP66
Colour	Red (ISO 3864)
Material	Flame-retardant ABS and polycarbonate
Operating voltage	12–30 V DC (nominal 24 V DC)
Current consumption (quiescent)	1.6 mA
Current consumption (alarm)	2.7 mA
Address range	001–253
Short-circuit isolator	Yes
Mounting	Wall mounting with fixing lugs, outdoor and damp areas
Connection	Conductor 0.5–2 mm ² (Ø 0.8–1.6 mm)
EN 54 approval	EN 54-11, EN 54-17
CPR	0786-CPD-21236
VdS approval	G 213005
Standards	VdS 2344, VdS 2504, EN 61000-6-3, EN 50130-4, EN IEC 63000

Documents

The manufacturer's original documents can be downloaded from the product page (QR code at the top of this sheet).

Technical datasheet: Panasonic 4439FI TVK IP66 manual call point with short-circuit isolator

Product brochure: Panasonic 4439FI TVK IP66 manual call point with short-circuit isolator

Request a quote or ask for more information

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