GE Healthcare

CARESCAPE RAD

Remote alarm device

CARESCAPE™ RAD is an external accessory device, which can be used for relaying the CARESCAPE modular monitor's alarm condition to a distributed alarm system with two SPDT (single pole dual throw) switches.

The two SPDT switches can be used, for example, for breaking an alarm loop or switching power to remote alarm light.

Device control options are implemented in the CARESCAPE monitor's software.

Features

- Adds two SPDT relay switch contacts on the CARESCAPE monitor

- Relay contacts can be used for:
    - Interfacing distributed one-way alarm system wiring, such as nurse call or alarm loop
    - Controlling remote alarm light power source or control signal

Technical specifications

System compatibility

Patient monitors	CARESCAPE B450
	CARESCAPE B650
	CARESCAPE B850
	with software version v3
USB cables	1.0 m P/N 2045009-001
	3.3 m P/N 2045010-001
	5.0 m P/N 2044095-001
	5.0 m P/N 2100164-001

Power specifications

Switch electrical specification	Voltage: max. 60 VDC, 42.4 Vpeak AC
	Current: max. 250 mA
Type of connections allowed	SELV (separated extra low voltage) circuits
	Resistive load, max. 15W (60VDC, 250mA)
Isolation between switches and host interface	1500Vrms 60 seconds
Host device connection	USB low power device, 5V, max 100mA.

Environmental specifications

Operating temperature	10°C to 40°C
Operating humidity range	10% to 90%, non-condensing
Operating altitude range	-400m to 3000m
Non-operating temperature range	-20°C to 60°C
Non-operating humidity range	10% to 90%, non-condensing
Non-operating altitude range	-400m to 5500m

Physical specifications

Dimensions (with GCX® mount (H x W x D))	130 x 64 x 54 mm
Weight (excl cable, with GCX® mount)	170g (6 oz)
Host device USB connection cable	USB type A / USB type B cable max. length 5.0 m (16.4 ft)
User cable diameter range	Outer jacket 3-5.5 mm (0.12 – 0.25 in)
	Wire area 26-16 AWG / 0.13-1.5mm² Solid and stranded conductors

Imagination at work

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