

Conventia Relay Base EBC-20

Instruction Sheet
R10144GB0



Schneider Electric Fire & Security Oy

Sokerilinnantie 11 C
FI-02600 Espoo, Finland
Tel: +358 10 446 511
Website: www.schneider-electric.com
Document number: R10144GB0
Published: 21.05.2019

© 2018 – Schneider Electric. All Rights Reserved. This information is only to be used as guidance. Subject to changes and errors.

Contents

1	Conventia Relay Base EBC-20.....	4
1.1	Schematic Diagram & Wiring Connections	4
1.1.1	2 mounting bases and a relay base.....	4
1.2	Terminals	5

1 Conventia Relay Base EBC-20

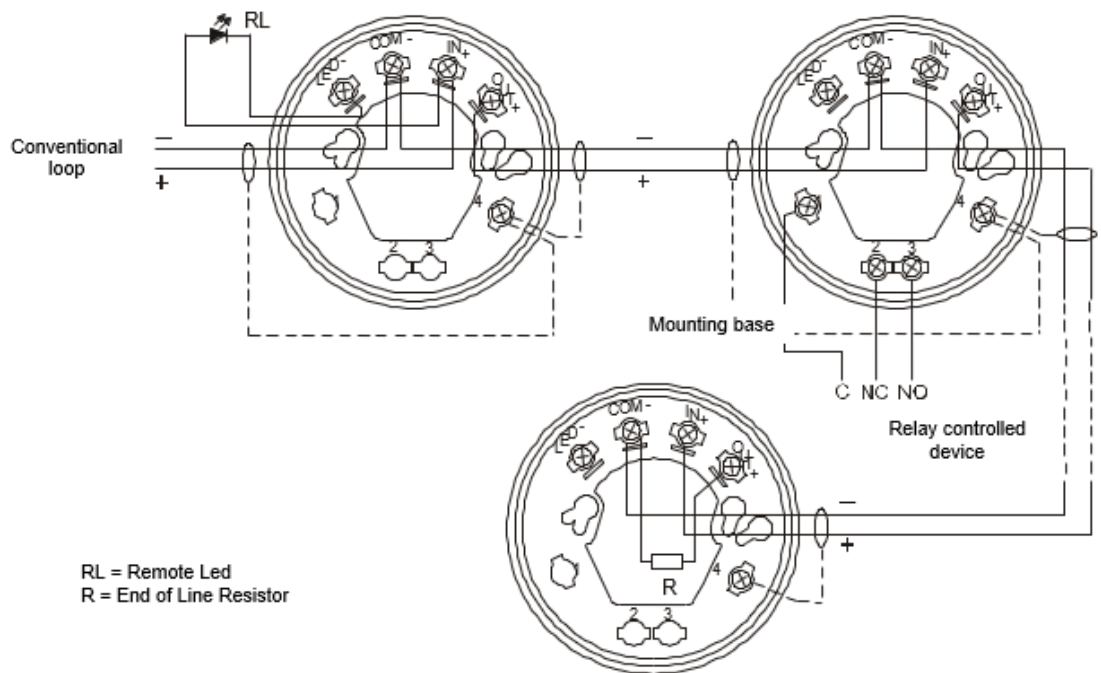
The Conventia products are compatible with the FX-CLC loop interface.

The relay base incorporates a single-pole voltage-free changeover contact for switching ancillary equipment. The maximum contact rating is 30V 1A.

When the detector changes to the alarm state, the relay is energised, causing the contact to change state. The contact will remain in this condition until the detector is reset.

1.1 Schematic Diagram & Wiring Connections

1.1.1 2 mounting bases and a relay base



1.2 Terminals

Relay base	
LED-	Remote Led -
Com-	Loop in- Loop out - End of Line Resistor
IN+	Loop in +
OUT+	Loop out +
1	Relay output Common
2	Relay output NC (normally closed)
3	Relay output NO (normally open)
4	Functional earth (screen)

1.3 Product Codes

Description	Product code
Relay Base EBC-20	FFS0672 4020
Compatible detectors	
Optical smoke sensor EDC-20	FFS0672 4620
Multisensor EDC-30	FFS0672 4621
Heat detector EDC-50/A1R	FFS0672 4650
Heat detector EDC-50/A1S	FFS0672 4651
Heat detector EDC-50/A2S	FFS0672 4652
Heat detector EDC-50/BR	FFS0672 4640
Heat detector EDC-50/BS	FFS0672 4641
Heat detector EDC-50/CR	FFS0672 4646
Heat detector EDC-50/CS	FFS0672 4647