

Compact-V AC-R10, AC-R33

Key features

Medium size, compact and robust housing construction for applications using AC supply power and machine control

Configurable and programmable via NBB programming tools



Technical information

Communications	Single channel FSK
Safety	Multi bit address code with over 1 million combinations
Frequency bands	433.05 – 434.79 MHz 868 – 868.975 MHz 915 – 916.650 MHz (NA) Others available upon request
RF power	< or = 10 mW < or = 20 mW (NA)
Operating range	≤ 100 m
Antenna	External BNC connection
Command response time	15/60 ms typical
Supply power	40 – 250 VAC
Protection	4A slow blow fuse(s) (5 x 20 mm) for E-stop circuit

Receiver specifications

Housing	Impact resistant fiberglass reinforced polycarbonate
Environmental protection	IP65
Operating temperature	-20 °C to 70 °C
Dimensions	191 x 172 x 77 mm
Weight	1.5 Kg
Diagnostic LEDs	2 - bi-color LED's for operation status and error messages

Equipment compliance

CE certification	Yes
FCC compliance	Part 15

Controls

Outputs	10 – NO relays at 4A max** (R10) 33 – NO relays at 4A max** (R33) **depends on use
E-stop	1 – NO single contact forcibly guided 4A max PLd rated
Inputs	4 – Digital opto-coupled @ up to 30 VDC
I/O	1 – RX programming ports

Optional expansion controls

Outputs	4* – Analog outputs at 4-20ma, 0-10V DC *Instead of 4 NO relays at 4A max
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Connections

Controls I/O	1 – 2.5m Pigtail harness with bare wire leads standard. Custom lengths and connections avail. Optional 64 pin quick disconnect connector
Programming	1 – External programming connection

Dimensions

