Compact-V DC-R34

Key features

Small, compact and robust housing design with a variety of inputs and outputs. Customized solutions are available

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	8 – 35 VDC
Power draw	<4 VA at 12DC, <3 VA at 24 VDC
Protection	0.8A fast blow fuse (5 x 20 mm) for expansion boards
	4A slow blow fuse(s) (5 x 20 mm) for E-stop circuit
	Optional encapsulation of receiver electronics available

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 (encapsulated main PCB)
Diagnostic LEDs	2 - bi-color LED's for operation status and error messages

Equipment compliance

CE certification	Yes
FCC compliance	Part 15

Controls

Outputs	28 – Configurable solid state PWM or On/Off outputs at *4A max 4 – Solid state switching (NO) On/Off outputs at *4A max 2 – Solid state ground side switching (NO) On/Off outputs at *4A max 4 – Analog outputs at 0-10V DC
*E-stop (optional)	1 – NO or 2 – NO or 1 – NO+1 – NC single contact forcibly guided @ 4A max *PLd rated
Inputs	4 – Digital opto-coupled @ up to 30 VDC 3 – Analog 0-10 VDC
I/O	2 – CAN ports 1 – RS232 / RS485 port 1 – Receiver programming port

Optional expansion controls

Outputs	2 – Analog 4-20mA
Inputs	8 – Digital opto-coupled @ up to 30 VDC
	4 – Analog 0-10VDC
	2 – Analog 4-20mA

Connections

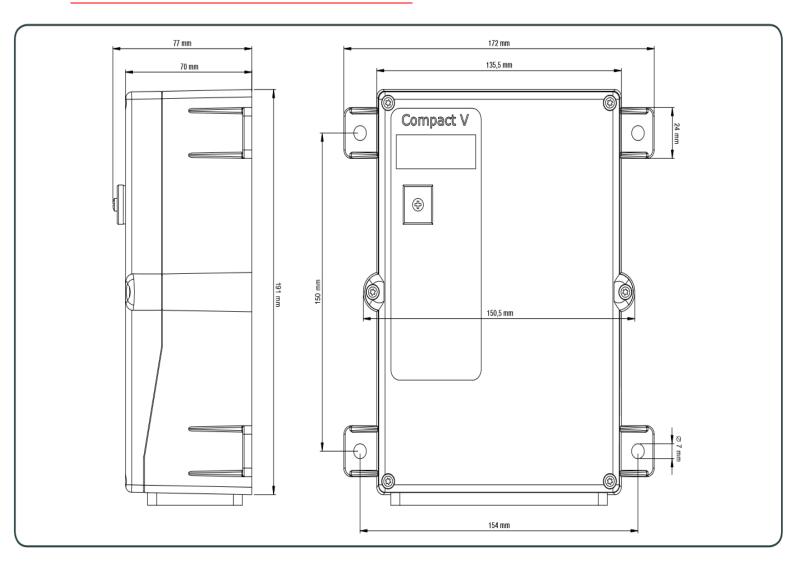|	
Controls I/O	1 – 2.5m Pigtail harness with bare wire leads standard. Custom lengths and connections available or housing bullhead mounting
Programming	1 – External programming connection

Easy Movement

Dimensions

Compact V

77 mm
70 mm
191 mm
172 mm
135,5 mm
24 mm
150 mm
150,5 mm
154 mm
Ø 7 mm

Easy Movement