Compact-M R6

Key features

Small, compact and robust housing design with two CAN ports and up to 6 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	4A slow blow fuse(s) (5 x 20 mm) for E-stop circuit
	Encapsulation of main receiver electronics PCB standard with optional complete receiver encapsulation available

Receiver specifications

Housing	Impact resistant fiberglass reinforced polycarbonate
Environmental protection	IP65
Operating temperature	-20 °C to 70 °C
Dimensions	232 x 87 x 65 mm
Weight	0.8 Kg (encapsulated main PCB)
Diagnostic LEDs	2 - bi-color LED's for operation status and error messages

Controls

Outputs	6 – Solid state PWM or On/Off outputs at **4A max
*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
I/O	2 – CAN ports 1 – RS232 / RS485 port 1 – Receiver programming port

Connections

Controls I/O	1 – 2.5m Pigtail harness with bare wire leads standard. Custom lengths and connections available
	Optional CAN connection via Binder M16 IP67 series 423 / 723
Programming	1 – External programming connection

Equipment compliance

CE certification	Yes
FCC compliance	Part 15

Easy Movement

Dimensions

∅ 9 mm

232,1 mm

173,5 mm

156,5 mm

Compact M

nbb

65 mm

52,5 mm