

CATTRONCONTROL™



SCU32 MACHINE CONTROL UNIT

HIGHLIGHTS

- Fixed station device for secure point to point transmission
- Transmits up to 32 digital commands plus 2 safety stop commands
- System configuration via a secure RFID Transkey™ for simple deployment and spares implementation
- Customer-specific layout with a wide range of control elements
- Approvals and frequencies for worldwide deployment

FEATURES

- Galvanic isolation of inputs
- Internal, isolated power supply for opto-isolated inputs
- Industrial AC power supply and DC options available
- LEDs for status and feedback (optional)
- Custom faceplate available
- High safety class through redundant hardware and firmware architecture

APPLICATIONS

- Machine control
- Conveyor Control
- Secure point to point
- Amusement Parks

COMPLIANCE

- EN 60204-32
- EN ISO 13557
- EN ISO 13849 PL-d
- CE Compliant





TECHNICAL DATA AND SPECIFICATIONS

ELECTRONIC DATA	
Commands	32 digital inputs
Digital Circuitry	Dual-processor Technology
System addresses	24 bits =16 million addresses
Power supply	48, 115, 230 V, 50-60 Hz
Nominal voltage	12V (24V optional)
Power consumption	Max. 10 VA
Opto-Couplers	12V dc input Internal 12 V for opto-couplers available

MECHANICAL DATA	
Weight	Approx. 1.8 kg
Dimensions L x W x H	235 x 170 x 105mm (9.25"x 6.7" x 4.2")
Housing	Polymeric, standard color gray IP65, suitable for outdoor use
Interface connection	2 cable glands optional: Han24/32/64
Operating Temperature	-20° to +60° C (-4° to 140° F)
Storage Temperature	-40° to +70° C (-40° to +158° F)

RF	
Frequency Range	406-419 MHz 433-434 MHz 447-473 MHz 869 MHz 902-927 MHz Other frequencies possible
Transmitter Power	10–500 mW
Regulatory	Licensed and unlicensed bands available
RF Security	Black Channel
RF Channel Spacing	12.5 kHz; 25 kHz and others
Antenna	External

INDICATION	
Operation indication	2 LEDs for status and diagnostics

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