

CA-64

Satel®

The CA-64 system is more than just a control panel. It offers you a selection of features with highly flexible solutions for both medium and large scale projects.

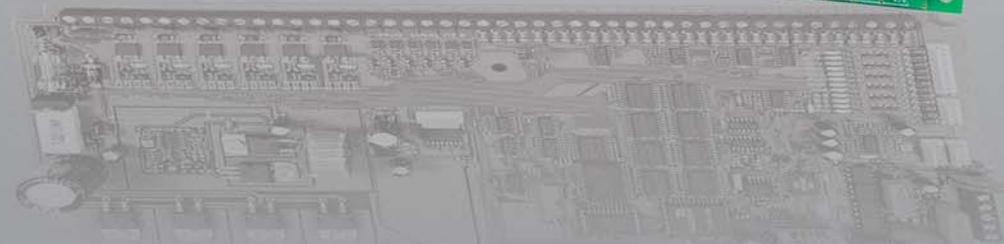
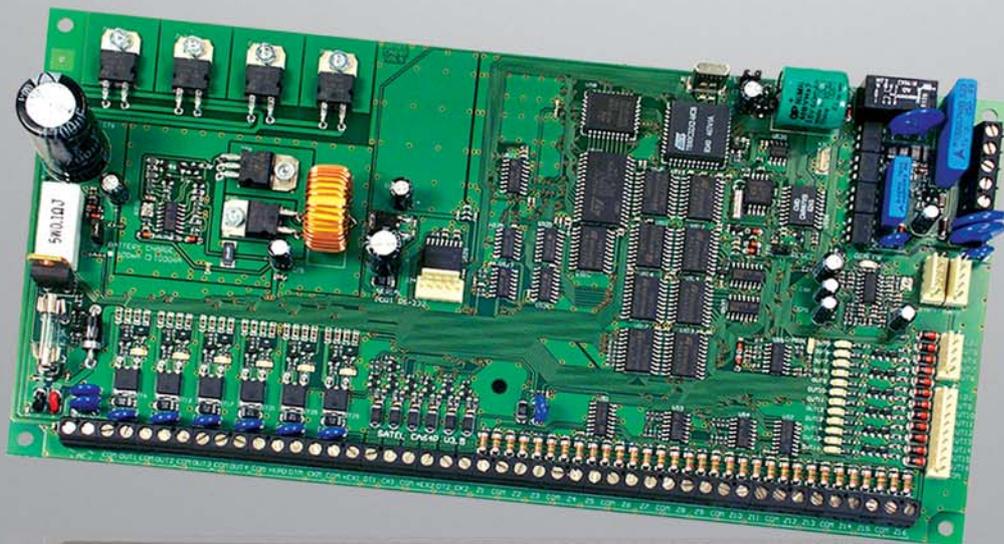
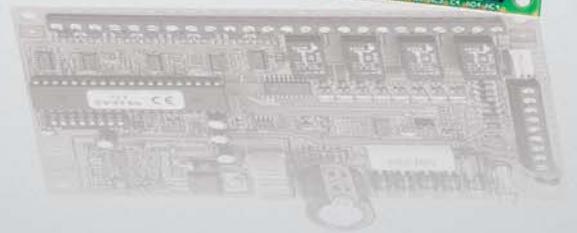
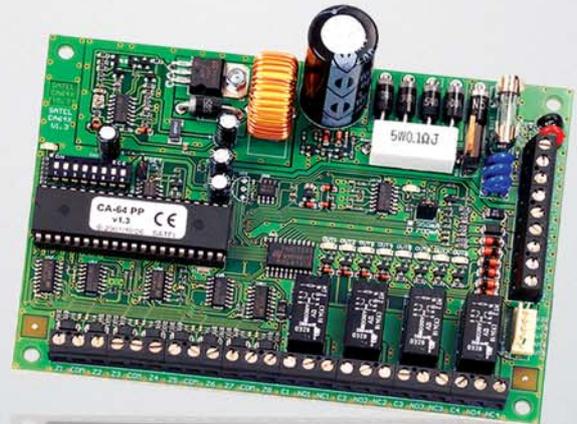


CA-64 P Main board

- 16 on-board zones
 - NO, NC, EOL, 2EOL/NO or 2EOL/NC configurations
 - over 80 zone functions
- 16 outputs
 - 4 electronically fused high power outputs (programmable operation mode, over 90 functions)
 - 12 open collector outputs for auxiliary control (programmable operation mode, over 90 functions)
 - 2 power supply outputs with electronic fuses
- keypad bus
 - up to 8 LCD keypads
 - synopsis board for system visualization
- 2 expansion modules buses
 - up to 32 devices per bus
 - input or output modules with or without power supply
 - partition keypads
 - code locks
 - other devices
- telephone dialer
 - monitoring – 4 monitoring station numbers
 - call answering for remote system supervision
 - voice and text messaging
 - remote programming with PC via modem
 - DTMF telephone controlling
- RS-232
 - local programming
 - external modem support
 - printer support
- switching mode power supply
 - 3A total capacity
 - short-circuit protection
 - battery condition testing
 - deep discharge battery protection
- real time clock/calendar with battery backup
- on-board indication of output operation, battery charger and telephone dialer
- zone, output and communication bus protection

CA-64 PP module

- 8 zones
 - NO, NC, EOL, 2EOL/NO or 2EOL/NC configurations
 - more than 80 zone functions
 - detector trouble monitoring feature
- 8 outputs
 - 4 open collector outputs
 - 4 relay outputs
 - over 90 functions
- switching mode power supply
 - 2,2A total capacity
 - short-circuit protection
 - battery condition testing
 - deep discharge battery protection
- additional tamper zone



Zone expanders

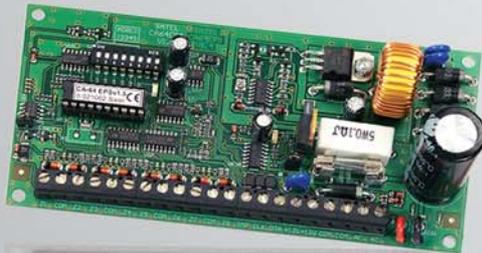
CA-64 E

- 8 zones
 - NO, NC, EOL, 2EOL/NO or 2EOL/NC configurations
 - more than 80 zone functions
 - detector trouble monitoring feature
- additional tamper input



CA-64 EPS

- 8 zones
 - NO, NC, EOL, 2EOL/NO or 2EOL/NC configurations
 - more than 80 zone functions
 - detector trouble monitoring feature
- switching mode power supply
 - 2,2A total capacity
 - short-circuit protection
 - battery condition testing
 - deep discharge battery protection
- additional tamper input



CA-64 ADR Addressable zone expander

- addressable detector bus
 - supports up to 48 bus detectors
 - NO, NC, EOL, 2EOL/NO or 2EOL/NC configurations
 - more than 80 zone functions
 - detector trouble monitoring feature
- switching mode power supply
 - 2,2 A total capacity
 - short-circuit protection
 - battery condition testing
 - deep discharge battery protection
- additional tamper input



Output modules

- 8 outputs (relay, open collector and mixed variants)
- additional tamper zone
- -PS- models with switching mode power supply
 - 2,2A total capacity
 - short-circuit protection
 - battery condition testing
 - deep discharge battery protection

CA-64 O-OC

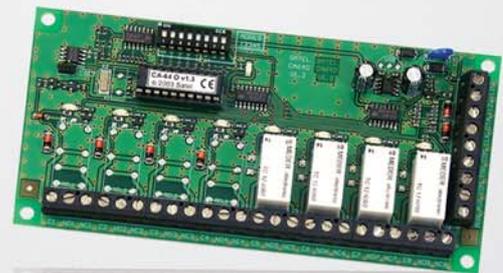
- 8 open collector outputs

CA-64 O-R

- 8 relay outputs

CA-64 O-ROC

- 4 relay outputs
- 4 open collector outputs



CA-64 OPS-OC

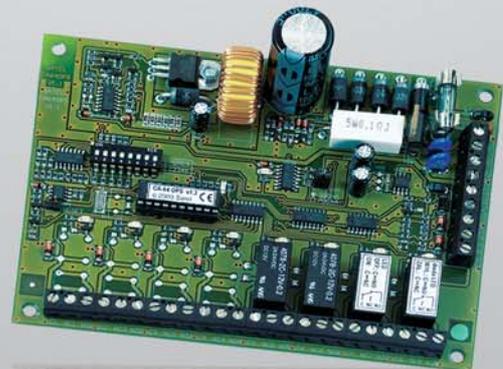
- 8 open collector outputs
- switching mode power supply

CA-64 OPS-R

- 8 relay outputs
- switching mode power supply

CA-64 OPS-ROC

- 4 relay outputs
- 4 open collector outputs
- switching mode power supply



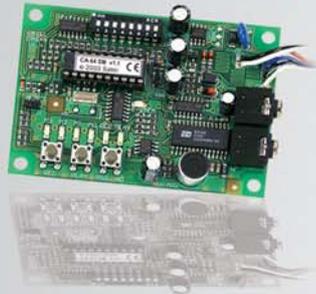
CA-64 ADR-MOD Addressing module for bus detectors

- converts a NO, NC detector into a bus detector
- mounted inside detector housing
- compatible with CA-64 ADR Addressable zone expander



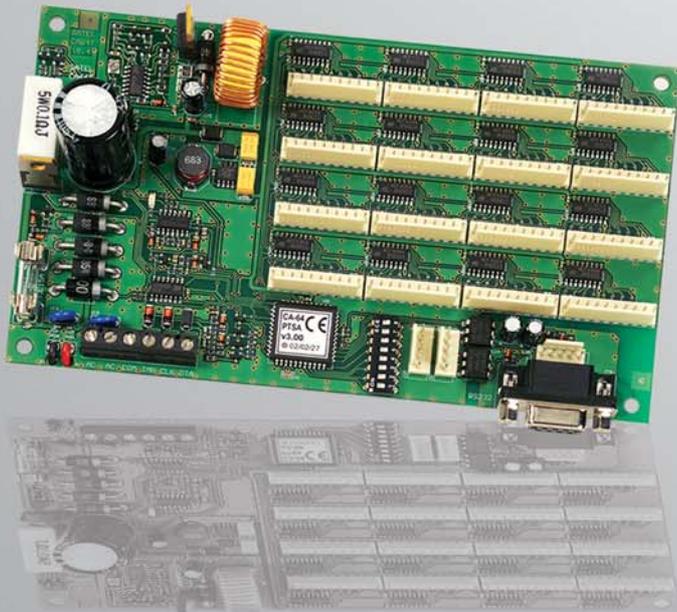
CA-64 SM Voice synthesiser expander

- up to 16 audio messages of 15 seconds
- used for telephone alarm messaging



CA-64 PTSM Synopsis board

- connection of up to 128 LEDs
 - 64 for zone status
 - 32 for partition armed status
 - 32 for partition alarm status
- communication with GUARD64 via RS-232
- connection to control panel via keypad bus
- switching mode power supply
 - 1,3 A total capacity
 - short-circuit protection
 - battery condition testing
 - deep discharge battery protection
- additional tamper input



Access control

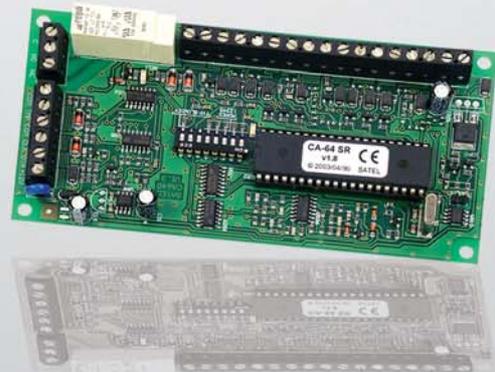
CA-64 SZ Code lock

- 12-character keypad
- permanent or temporary backlight
- 3 LEDs – READY, ACCESS ALLOWED, DOOR
- hold-down FIRE, PANIC and AUX alarm
- sound signals
 - keypad action confirmation
 - door status monitoring
- electromagnetic lock control relay
- door sensor input
- tamper switch



CA-64 SR Proximity card reader interface module

- door sensor and electromagnetic lock control
- dedicated door sensor input
- 1 or 2 readers configuration support (separate reader for entry/exit)
- EM Marin protocol compatible



CZ-EMM Proximity card reader

- mounted directly on walls or door frames
- EM Marin 125kHz proximity cards compatible



CA-64 K LCD, KLCD-L and KLCD-S Keypads

- LCD display
 - 2x16 characters
 - event log readout
 - zone status display
 - partition status display
 - real-time clock/calendar
 - service notes display
 - Service notes are a convenient way to remind users i.a. of periodic system inspection
- keypad and display backlight
 - permanent
 - temporary activated by keypress
 - triggered by zone violation
- hold-down FIRE, PANIC and AUX alarm
- 6 LEDs
 - partition status display- ALARM, entry or exit delay
 - system status display - TROUBLE
- sound indication
 - alarm
 - trouble
 - entry delay
 - exit delay
 - chime on zone entry
 - keypad operation/ push-button confirmation
- 2 zones
 - NO, NC, EOL, 2EOL/NO or 2EOL/NC configurations
 - more than 80 zone functions
 - detector trouble monitoring feature
- keypad bus failure indication
- tamper switch
- RS-232 port for GUARD64
 - full system control
 - virtual keypad
 - easy user administration

CA-64 S Partition keypad

- controls single partition
- 12 keys
- permanent or temporary backlight
- hold-down FIRE, PANIC and AUX alarms
- 3 LEDs
 - partition status display - ARMED, ALARM, exit delay
 - system status display- TROUBLE
- sound indication
 - alarm
 - entry delay
 - exit delay
 - door status monitoring
 - keypad action confirmation
- electromagnetic lock control relay
- door sensor input
- tamper switch



GUARD64

Alarm system administration software

- Windows 98/ME/2000/XP compatible
- complete system status display
- real-time alarm information
- system event log readout
- sound and on-screen alarm signalization
- user-friendly interface
- virtual keypad operation
- system user administration
- control panel connection
 - direct via RS-232 on LCD keypad
 - LAN/WAN network (TCP/IP connection) via G64_server software run on PC connected to control panel via RS-232 on LCD keypad
 - telephone line via control panel's external modem (analog, ISDN or Satel GSM-4)

DLOAD64

Alarm system installer software

- Windows 98/ME/2000/XP compatible
- complete system programming features
- full on-line system diagnostics
- system event log readout
- user-friendly interface
- virtual keypad
- control panel connection
 - direct via RS-232 on main board
 - telephone line via control panel's external modem (analog, ISDN or Satel GSM-4)



System features

- up to 64 zones
 - NO, NC, EOL, 2EOL/NO or 2EOL/NC configurations
 - more than 80 zone functions
 - detector trouble monitoring feature
 - up to 64 outputs
 - over 90 functions
 - 32 partitions
 - controlled by users, timers, controlling inputs
 - possibility to control their status by other partitions status
 - possibility of grouping into 8 subsystems
 - temporary access limitation option
 - system controlling
 - LCD keypads
 - user PC
 - RS-232
 - DTMF telephone
 - partition keypads
 - firmware
 - FLASH based
 - most up-to-date functionality by regular updates
 - on-site upgradeable via RS-232
 - programming
 - local by LCD keypad
 - local by PC via RS-232
 - remote by integrated 300bps modem or external modem
 - settings stored in FLASH memory
 - event log
 - non-volatile
 - over 6000 entries
 - arm, disarm, trouble, alarm
 - user functions
 - event timestamp
 - codes
 - 1 service code
 - 8 master codes
 - 192 user codes
 - individual selection of features available to each user – user-friendly menu
 - possibility to define prefixes for high security systems
 - possibility to define authorization of users for keypads
 - possibility to define double-encoded zones
 - optional high grade protection by using two codes for arming/disarming
 - definition of user, partition, zone, output and module names for easier controlling, supervising and event log analysis
 - timers
 - 64 system timers (daily/weekly schedule, service defined exceptions)
 - 32 partition timers (arm/disarm time defined by the user)
 - access control
 - proximity cards
 - partition keypads
 - code locks – door sensor and electromagnetic lock control
 - dedicated door sensor input saves panel's zones
 - telephone monitoring
 - 4 monitoring station numbers
 - 9 account numbers
 - transmission formats – basic 4/2, Contact ID or TELIM
 - messaging
 - 16 phone numbers
 - 16 voice messages
 - 64 text messages sent as SMS or to pagers
 - confirmation of message reception by code sent from telephone keypad (DTMF)
 - remote controlling via telephone line
 - supervision of system's state
 - system controlling (arming/disarming)
 - output controlling
 - telephone signal analysis
 - TBR-21 compatible telephone signal recognition
 - advanced algorithm for re-transmission attempts
 - external modem support
 - improved data transmission with PC
 - fast remote programming
 - analog, ISDN and GSM modems compatibility
 - compatible with standard RS-232 modems
 - on-line event printout
 - corresponds to monitoring station printout
 - optional event filtering
 - input, module and user names printed according to system definition
 - communication buses for system expansion
 - logical operations on outputs for non-standard control functions
 - on-line diagnostics of key system components
- CE Declaration of Conformity, TBR-21

