TERRA ONE Fire Alarm Panel

Product reference	
Part No.	5100429-00B
Manufacturer	Consilium / Salwico
Model	TERRA ONE



Product overview

Stand-alone TERRA ONE fire alarm panel with one analogue addressable loop. Use the listed line devices and open customer code. Ethernet supports service; the panel cannot be networked. Batteries and cable glands are not included. Observe the unsupervised alarm-delay input and revision-dependent power output. Retain all four original pages and Installation Manual 5100503 for terminals, battery sizing and mounting. Historical standards do not establish current certification.

Technical specifications

Manufacturer Article Number	5100429-00B	Manufacturer-listed system	TERRA ONE (2021 J document)
Manufacturer-listed line devices	CN-AIOI, CN-BI, CN-DPH, CN-H/A1R, CN-H/CS, CN-HIOP-BCN SCI, CN-HIOP-SB SCI, CN-HIOP-SDR SCI, CN-MCP2-DSCI, CN-MCP2-SCI, CN-MCP2-SCI-WP, CN-P, CN-PH, CN-PS, CN-PS-DSCI, CN-PYH, CN-SB-DSCI	Configuration / addressing	Basic setup at panel; texts via panel or PC Ethernet. Integrated address programmer accessed by service engineer after removing front; select device address in panel UI
EN54-2 functions in historical document	7.8 alarm devices; 7.9.1 alarm routing; 7.11 output delays; 7.12.3 Type C dependency; 7.13 alarm counter; 8.3 point faults; 8.9 fault routing; 9.5 disablement; 10 test	User / service functions	Disable zones, outputs or individual devices; alarm-delay on/off at panel/external input; one-person device test, test list and contaminated-detector service list
Battery space / runtime condition	Max dimensions 152(L) ×99(W) ×99(H) as manufacturer printed. Specified maximum 36 h normal operation then 30 min fire alarm with indications and bells active	Terminal wiring reference	Retain original p3 terminal table for 24 VDC, input, bells, four relays, Ethernet, RS485 and loop OUT/A and IN/B. Ethernet does not permit panel networking
Mounting drawings	Use original p3 exterior and p4 rear/recessed mounting drawings, cable knockouts and fixing pattern; do not infer dimensions from the photograph	Power output / revision limit	1 ×24 VDC /180 mA for Rev. A06 and later; Rev. A05 and earlier 130 mA. For alarm transmitter/door magnets; short-circuit supervision
Relay outputs	4 single-pole normally open closing contacts: 24 VDC/2 A or 48 VDC/1 A; alarm/fault routing, fail-safe fire doors or ventilation	Configuration backup	Zone allocation/simple Cause & Effect at panel; customer text by panel or PC Ethernet; PC supports backup and restoration
Ethernet / network restriction	Standard Ethernet for web access, support and remote diagnostics; stand-alone fire alarm panel CANNOT be networked	Panel function	Compact stand-alone fire alarm panel with one analogue addressable sensor loop for smaller installations
Document storage	Drawings, manuals, protocols and other required panel documentation must be stored in a separate cabinet	Loop cable / load limits	Max 1000 m total loop-out to loop-in; per km max 50 Ω and 100 nF. Max 150 addresses across max 24 zones
Panel access / cable glands	Lock/fire-brigade key for keyboard. Cable access from top or upper rear only; cable glands NOT included	Battery selection / supply	12 Ah; 2 ×12 V sealed lead-acid. Batteries NOT included; recommended Fiamm FG21202 or Yuasa NP 12-12
Historical standard references	Manufacturer lists EN54-2, EN54-4, EN54-13 and SS3654; this is not a claim of current certification	Device programming restriction	Built-in device programming base for replacement; soft customer codes NOT supported, use open code
Alarm-delay input safety	One closing-contact on/off input; cable NOT supervised for short circuit or cable break	Required reference manuals	User Guide 5100502; Installation, Service and Maintenance 5100503; Quick Guide 5100504
Bell / flashlight outputs	3 ×24 VDC /700 mA; polarity switches when active; short-circuit and break detection	Colour	Front: Light gray (RAL7035) Backbox: Dark gray (Pantone Cool Gray 9)
Recessed mounting cutout	315 ±2 mm width ×332 ±2 mm height, per original p4 cutout drawing	Operating temperature range	-5°C to +40°C
Normal current consumption	100 mA (28 VDC)	Enclosure, material	Plastic (ABS/PC)
Ingress protection	IP30	Weight	1,6 kg (without batteries)
Cable terminals	2.5 mm²	Mains supply	100-240 VAC, 50/60 Hz