

SmartAlarm Annunciator

Specification/Features



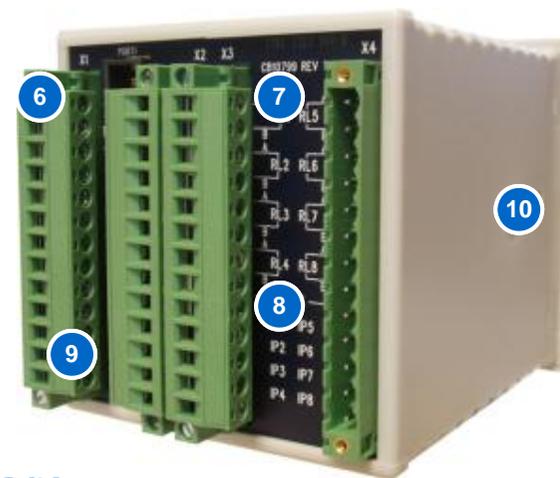
The **SmartAlarm Annunciator**
offers a modern compact DIN
package that includes state of the art
critical alarm capture in an industry
standard footprint

Value Proposition

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1. High Intensity LED's
2. Legend windows customer accessible
3. Front Panel USB access
4. IP rated pushbuttons
5. PSU and watchdog diagnostic LED's

6. GUI diagnostics
7. Two part Lockable connectors
8. Integral repeat relays
9. Integral power supplies
10. Secure panel fixing



Flexible Options in a **fully Certified CULUS** package

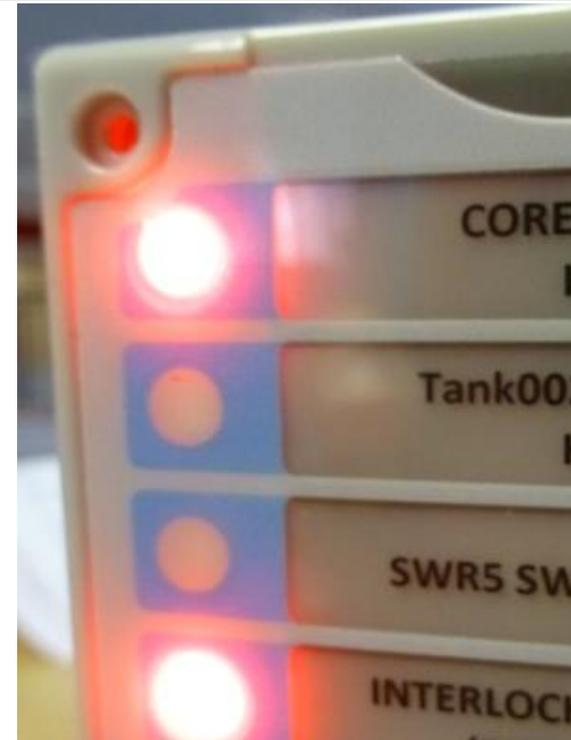
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1 High Intensity LED's

Aesthetically designed front panel with easy accessible LED's

- Alarm priorities through LED colour
- Front accessible pluggable LED's
- Wide viewing angle

- *Provides instant discrimination on critical alarms*
- *Allows easy change out of colour priority and maintenance*
- *Ensures alarms are viewable from any point in the CCR*



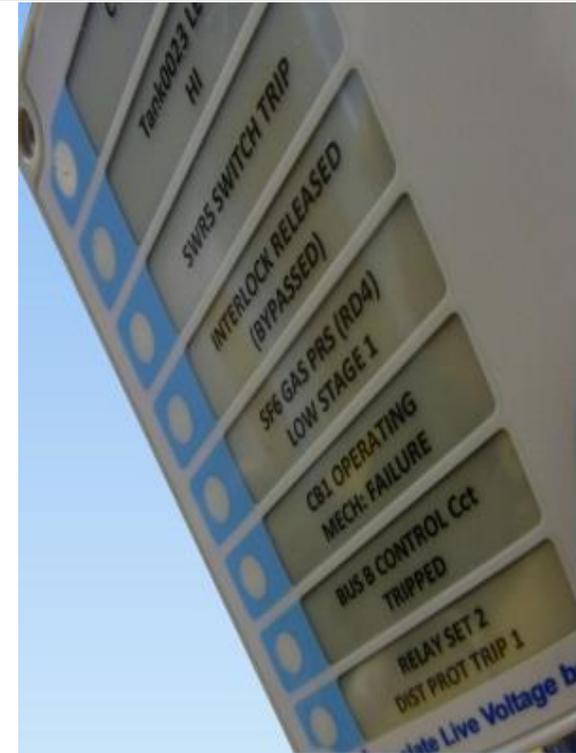
Instant visualisation for **critical alarm identification**

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2 Customer accessible legend pocket

One method, many languages

- Custom printing of alarm legends
- Easily fitted legend label
- Printable on readily available standard acetate
- *Ensures accurate data for local languages reducing translation issues*
- *Eight alarm legends can be changed in one quick process no tools required*
- *Standard acetate printing stock is used to ensure world-wide availability*



Built in flexibility for **displaying alarm legends**

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3 Front accessible USB Port

Quick connectivity to access parameter configuration

- IP54 rated USB plug
- Standard USB Mini type B connection
- Instant parameter change feedback via free configuration tool
- *Ensures front panel IP rating is maintained in harsh environments*
- *No special tools or connectors are required so standard USB cables can be used*
- *All changes to parameters can be viewed via the Configuration tool GUI interface.*



Front accessible USB Socket for easy commissioning

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4 IP54 Rated Pushbuttons

Integrity protection to IP54

- IP54 rated tactile feedback pushbuttons
- Pushbutton enable/disable via software configuration
- Pushbutton calibration mode
- *No additional protection required when using the IP54 kit*
- *Pushbuttons can be disabled to ensure invalid controls are not activated*
- *Basic parameters can be changed without the need to connect a PC including comms testing*



Soft addressable pushbuttons as standard

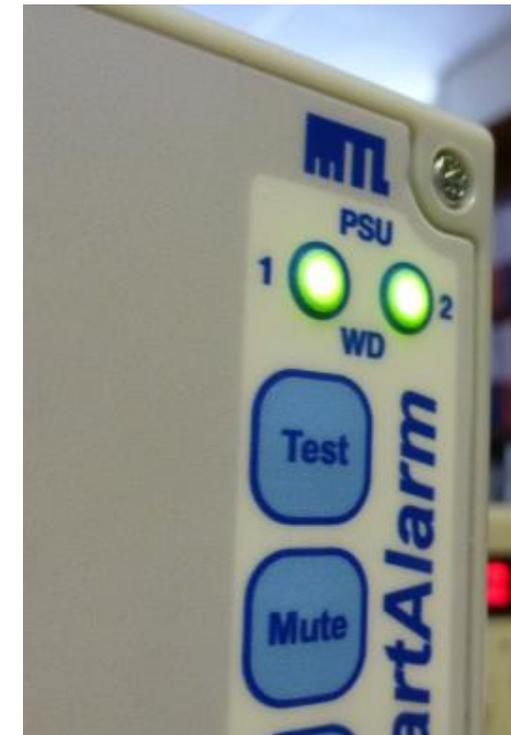
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5 PSU and Watchdog Diagnostic LED's

Visual indication of system status

- Two high profile LEDs for power monitoring
- Watchdog indication
- Watchdog function can be mapped to common relay

- *Quick indication of power supply status*
- *Provides indication of supply failure or communications and status*
- *Allows remote monitoring via third party device*



Ensures minimum downtime for critical alarms



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6 GUI Diagnostics

Provides dynamic status

- Free GUI Software
- Intuitive software
- Dynamic monitoring

- *No need to purchase expensive tools*
- *No need of expert knowledge to commission*
- *Real time indication of equipment status*



Powerful diagnostic in an affordable package

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7 Two part lockable connectors

Provide secure connectivity

- Two part connector
- Includes lockable screw fastening
- Accepts 2.5m² cable in a rising clamp
- *Allows easy connection to the customer panel*
- *Secures the connector halves to ensure vibration cannot disconnect a channel*
- *2.5m² aperture accepts tri-rated cables*



Designed to ease installation in **modern control rooms**

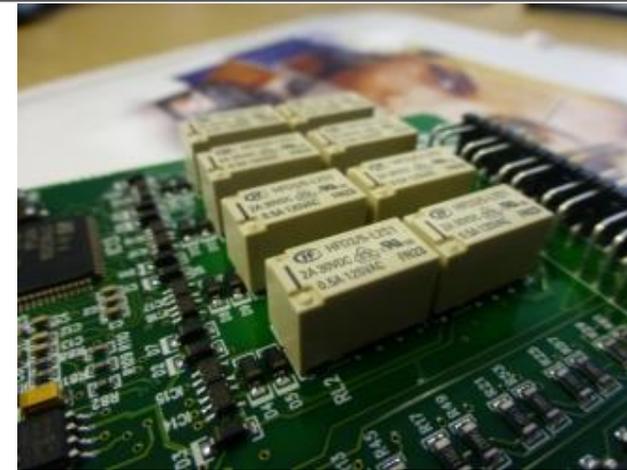
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8 Integral repeat relays

Retransmission of alarm condition and common reporting

- Configurable NO/NC contacts
- Very low power consumption
- Flexible relay logic

- *Contact state configurable through GUI Software*
- *No coil hold on current provides higher availability*
- *Relay can slave the input, logic or display through GUI selection*



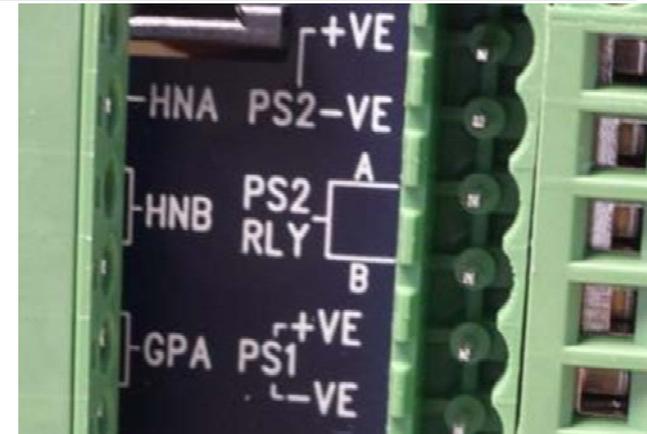
Re-transmission of critical alarms in one package

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9 Integral power supplies

Power source flexibility AC/DC & DC/DC

- Very wide DC input 18-58Vdc
- Internal/External field wetting voltage
- Very low operating current
- *Can be accommodated on both 24V and 48V nom systems*
- *Internal/external FCV allows customer flexibility in wetting voltages*
- *Increased availability when on station batteries*



External FCV allows customer to use preferred wetting voltage

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10 Secure panel fixing

Easy to fit panel clamps

- Removable side clamp
- Long screw length
- Tapered screw point
- *Clamp removal allows easy insertion in to panel cut-out*
- *Wide panel thickness accommodated*
- *Ensures good fixing to any type of panel*



Providing **ease of fixing** to simplify use

Specification Text

F No.	Feature	Specification Text
1	High intensity LED's	Customer replaceable High intensity LED's six colours and wide viewing angle
2	Legend windows customer accessible	Customer printable acetate legends
3	Front panel USB access	Parameter changes and diagnostic via front panel IP Rated UBS Mini connector.
4	Systems pushbuttons IP rated	Software configurable IP rated pushbutton, each configurable to various internal functions
5	PSU and watchdog LED's	Two front of panel LED watchdogs to monitor PSU and communications status.
6	GUI diagnostics	Sophisticated diagnostics through a free GUI including communications and card status
7	Two part lockable connector	Two part lockable screw connector with 2.5mm ² rising clamp
8	Integral repeat relays	Low power, internal latching repeat relays
9	Integral PSU AC/DC & DC/DC	Wide input DC/DC 18-58Vdc or 85-265Vac PSU including power monitoring
10	Secure Panel Fixing	Removable panel clamp provide fixing to 10mm thick panels

Alarm Solutions to the Worldwide Process and Power Industries

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Powering Business Worldwide