

# Mecsel<sup>®</sup> Smart WD-100 Watchdog

## How can you improve your IT performance?

- An external Watchdog to secure full recovery
- An intelligent way to secure critical functions
- Multiple connectivity options

## Where can you use the tool?

- Pilot projects
- Access control systems
- Petrol terminals
- Parking terminals
- Automatic alarm systems
- Servers



**Mecsel<sup>®</sup> Smart can secure critical IT investments**



### General function

HW power off/ on

### Technical

Dimensions

26(l)x58(h)x37(d) mm

RS232 serial port

Voltage 40V DC or 28V AC RMS

## BENEFITS

By enabling an early pilot installation development times are shortened .

Cuts the costs of all kinds of unattended processes.

Provides security for a full resume.

## WHERE CAN WATCHDOG BE USED?

- Complicated processes requiring absolute security
- Unattended processes with limited possibilities to make personal interventions
- Typically suitable for development processes and the control of pilot installations

## TECHNICAL

- Watchdog is controls external intelligent devices by relay
- Watchdog refreshed through the RS232 serial port
- A refreshing kick is to be performed within 2 minutes
- A new kick refreshes for another 2 minutes
- The power off time is 30 sec
- Extra I/O circuits as an option

## SOFTWARE

Despite of ultimate exactness in complicated and multiple application processes a device may sometimes become jammed.

Mecsel<sup>®</sup> Smart watchdog can be the ultimate solution in order to achieve a complete recovery.

One typical consequence of a total jam of a process is the lack of ability to report the status to the external environment. With watchdog the problem is solved in advance. Watchdog has to report regularly otherwise the system will be considered to have jammed.

The desired number of applications can be controlled by individual process indexes for the applications of their counters. The control has be tolerant and slow enough that all of the applications have sufficient time to report. Watchdog is therefore avoids unnecessary boots.