Object of Alarm Type

Alarms

Alarms are the objects that indicate occurrence (start) or end of a relevant (alarm) system event. The conditions for starting or finishing an alarm are defined by the system configurator. The conditions might be a status of other object, but also a composite expression containing states and values of other objects. Alarm occurrence is indicated on the screen in the process D2000 HI. Changes of alarm states might be logged, i.e. written into the log database.

Note
This chapter is related to system alarms. Except these, the D2000 system also recognizes so called process alarms that allow to handle extraordinary states in the system. Process alarms are defined for objects of I/O tag, Eval tag and Switch types. The configuration of such an alarm is included in the configuration of the corresponding object. More information on process alarms can be found in the topics describing configuration of I/O tags, eval tags and switches.

> ⓘ **Related pages:**
>
> Alarms - configuration dialog box
> Alarm states
> Alarms in expressions