

## Features

- Receives signals from
  - operator workplace
  - local HMI

## Application

The terminals may be provided with a function to receive signals either from a substation automation system or from the local human-machine interface, HMI. That receiving function block has 16 outputs that can be used, for example, to control high voltage

apparatuses in switchyards. For local control functions, the local HMI can also be used. Together with the configuration logic circuits, the user can govern pulses or steady output signals for control purposes within the terminal or via binary outputs.

## Design

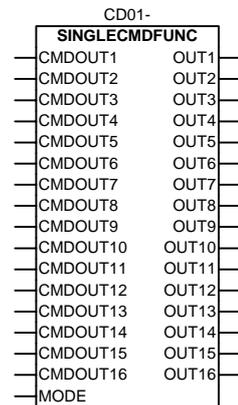
The single command function consists of a function block CD for 16 binary output signals.

The output signals can be of the types Off, Steady, or Pulse. The setting is done on the MODE input, common for the whole block, from the CAP 531 configuration tool.

The outputs can be individually controlled from the operator station, remote-control gateway, or from the local HMI. Each output signal can be given a name with a maximum of 13 characters from the CAP 531 configuration tool.

The output signals, here OUT1 to OUT16, are then available for configuration to built-in functions or via the configuration logic circuits to the binary outputs of the terminal.

## Function block



xx00000213.vsd

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**Input and output signals****Table 1: Input signals for the command control (CDnn-) function**

Signal	Description
CMDOUTy	User defined name for output y (y=1-16) of function block CDnn. String length up to 13 characters.
MODE	Operation mode, 0: Off, 1: Not pulsed (steady). 2: Pulsed

**Table 2: Output signals for the command control CD (CDnn-) function**

Signal	Description
OUTy	Command output y (y=1-16)

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