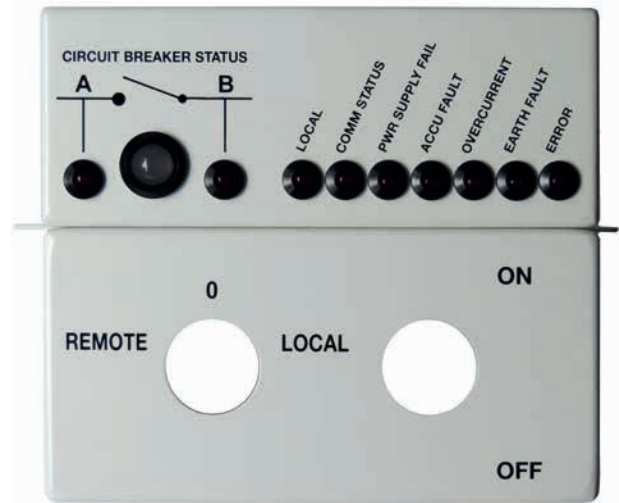# Panel SIG-D-EXTxx

General Description

This panel is designed and adapted for mounting to the RTU7M modular units. It is fitted with LED indication, control buttons and a switch for local and remote control. The panel is used in the power industry applications, mainly for remotely controlled disconnectors and remotely controlled reclosers. There are signaled the statuses of the disconnector, as error statuses on the lines, the communication and the backup battery statuses.

The panel is typically installed so that after opening the switchboard cabinet door, only this signaling and control panel is visible when passing through the sub-panel which covers the other electronic system, including RTU. As the panel is mounted directly on the RTU7M unit, it is not necessary to use the sub-panel if the user does not require it.

SIG-D-EXT can be connected to the RTU7M unit using the RS-485 line. The supply voltage for this panel is installed on the same communication line (RS-485). The panel can be supplied on client demand in a version where the signaling is solved using electro-magnetic flip dot signs instead the LED. In this case, the status after the RTU switch off remains displayed.

**Signaling panel SIG-D-ETX
without fitted switch and buttons**

Technical Specification

Panel	SIG-D-EXT05	SIG-D-EXT30
Number of LED	10 × LED (9 × red LED ø 5 mm and 1 × red-green LED ø 10 mm)	
Communication with RTU	RS-485	
External power supply	5 V DC	5–30 V DC (max. 3 W)
Consumption	1 W	0.5 W
Connector	1 × WAGO 231-304/026-000, part of delivery; wire 0.08–2.5 mm^2	
Ingress protection	IP20	

Example of application with signaling panel

Connector Wiring on SIG-D-EXTxx

Pin	Description
+, -	Power supply
A, B	Signals of communication line RS-485

+
-
B
A

**Connector
on rear panel**