



REMOTE STATUS PANEL · CS0-RSP-06

Any six alarms. One panel people can see.

The Remote Status Panel brings up to six dry-contact signals from any equipment onto one wall-mounted panel. Each input has its own LED and label, an alarm sounds when something changes, and every input is published over Modbus for your BMS.



6

dry-contact inputs, each with its own LED and write-on label, set NO or NC

1,000 ft

from the equipment on voltage-free dry-contact wiring

Per input

latching, so a critical alarm stays lit until someone acknowledges it

1

common alarm relay for a beacon, horn or building annunciator

Pumps, generators, doors, fans, temperature and flow switches: if it has a dry contact, the panel can show it.

Six inputs

Labeled by you, NO or NC, latching per input.

Audible alarm

Sounds on any change, with hold-to-acknowledge.

Alarm relay

One contact for any other system to watch.

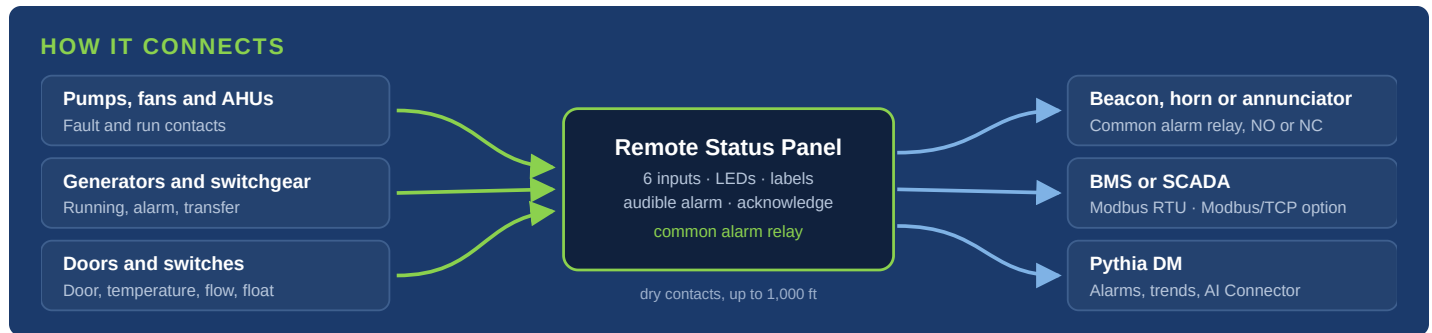
Networked

Modbus RTU; Modbus/TCP, SNMP and BACnet/IP optional.

HOW IT WORKS

Six contacts in. Lights, sound and data out.

Each piece of equipment's dry contact is wired back to one of the panel's six inputs. When a contact changes to its alarm state, the panel lights that input's LED, sounds the buzzer, switches the common alarm relay and reports the input over Modbus.



Labeled by you

A write-on strip beside each LED, compatible with Brother ½-inch labels, so staff see "Sump Pump Fault", not "Input 1".

NO or NC, per input

Each input is set to match its contact. Normally closed wiring also alarms on a cut wire, so a critical signal can't fail silently.

Latching, per input

Latch the critical inputs so a brief fault stays lit until someone acknowledges it. Leave routine status inputs live.

No nuisance alarms

An alarm delay of 0 to 60 seconds filters contact chatter, and the buzzer can be enabled or disabled.

One contact for everything

The common alarm relay (NO or NC, 6 A) drives a beacon or horn, or tells another system the panel is in alarm.

Test it any time

Hold the Acknowledge button for about five seconds: every LED lights and the buzzer sounds.

THE STATUS PANEL FAMILY

	Remote Status Panel	UPS Remote Status Panel	Remote Leak Detection Panel
Model	CS0-RSP-06	CS0-RSP-UPS	CS0-RSP2-06 / CS0-RSP3-06
Inputs	6 general-purpose dry contacts, labeled by you	6 UPS conditions on a one-line mimic	6 leak zones
Extras	NO/NC and latching per input	Pre-labeled for UPS status	24 VAC or 24 VDC detector power, a relay per zone
Choose it when	You need to watch a mix of equipment	You are watching a UPS	You are watching leak detectors

WHERE IT'S USED

Unrelated alarms, gathered in one place.

The panel reads plain dry contacts, so it works with almost any equipment, old or new. These are the arrangements we see most often.

Mechanical room roll-up

Pumps and a make-up air unit, none of them networked

Inputs 1–2	Pump faults, NC, latching
Input 3	Booster run, NO, live
Input 4	MAU alarm, NO, latching
Delay	3 seconds

One panel by the door shows everything in the room. The pump faults are fail-safe and latched, so a fault that clears on its own is still seen.

Remote equipment, manned desk

Equipment on a roof, in a vault or an outbuilding

Panel	At the manned desk
Wiring	Up to 1,000 ft
Relay	Desk beacon
Latching	Critical inputs

The equipment's key contacts are shown where people work. The beacon makes an alarm visible across the room, and latching keeps the event until someone responds.

Standalone equipment on the network

Older equipment with only relay contacts

Inputs	Equipment dry contacts
Network	Modbus/TCP option
Data path	Panel → Modbus → Pythia DM

Contacts that were invisible to the network become live points for the BMS or the Pythia DM, without touching the equipment.

SETTING UP EACH INPUT

PER-INPUT AND PANEL SETTINGS	
Input type	Normally open (alarm on close) or normally closed (alarm on open, and on a cut wire)
Latching	On or off for each input. Latched inputs stay lit until acknowledged and the condition clears
Alarm delay	0 to 60 seconds, for the whole panel
Buzzer	Enabled or disabled
How to set	The free Pythia configuration tool, or any Modbus tool, over RS-485 or the network



Fail-safe tip. Wire critical signals normally closed where the equipment allows it. A cut or disconnected wire then raises an alarm instead of going quiet.

SPECIFICATIONS

Remote Status Panel (CS0-RSP-06).

INPUTS AND OUTPUTS

Alarm inputs	6 voltage-free dry contacts, each NO or NC, latching per input. Up to 1,000 ft with Belden 6300UE
Common alarm relay	1, NO or NC. 6 A at 250 VAC, 6 A at 30 VDC. Class 2 circuits only
Local indication	LED and write-on label per input (Brother ½ in compatible), power LED, buzzer, hold-to-acknowledge button, LED test mode

COMMUNICATIONS AND SETUP

Protocols	Modbus RTU, RS-485, standard (address 254, 19200, 8-N-1). Modbus/TCP, SNMP and BACnet/IP with optional adapters
Configuration	NO/NC and latching per input, alarm delay 0–60 s and buzzer enable, with the Pythia configuration tool or Modbus registers

PHYSICAL

Enclosure	Wall-mount ABS, IP67 rated, UL94-V0. Meets or exceeds the UL 508A Open Industrial Control Panel standard
Power	120 VAC standard. 24 VAC and 48 VDC optional
Environment	–30 to 45 °C (–22 to 113 °F) inside the enclosure. 5 to 95% RH, non-condensing
Recommended wiring	Belden 6300UE for dry contacts, Belden 82761 shielded twisted pair for Modbus RTU, CAT5e or better for Ethernet

Specifications are subject to change. Call for alternative assemblies and options.

MODBUS REGISTERS

Point	Register	Value
Inputs 1–6	41001–41006	0 / 1
Input LEDs 1–6	42001–42006	0 / 1
Buzzer	42009	0 / 1
Common alarm	42012	0 / 1
Buzzer enable	44000	R/W
Alarm delay	44001	0–60 s
NO / NC, inputs 1–6	44011–44016	R/W
Latching, inputs 1–6	44021–44026	R/W

The full register list is in the product guide.

PYTHIA DM · ADD THE PANEL TO YOUR MONITORING

From a status light to a full equipment history.

The DM polls the panel over Modbus and gives every input an alarm, a notification, a time stamp and a trend. With the DM AI Connector, an assistant can tell you which input alarmed, when it started and how often it has happened.

Put your equipment alarms where people can see them.

Tell us what you need to watch and where the panel will hang, and we'll confirm the wiring and options.

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