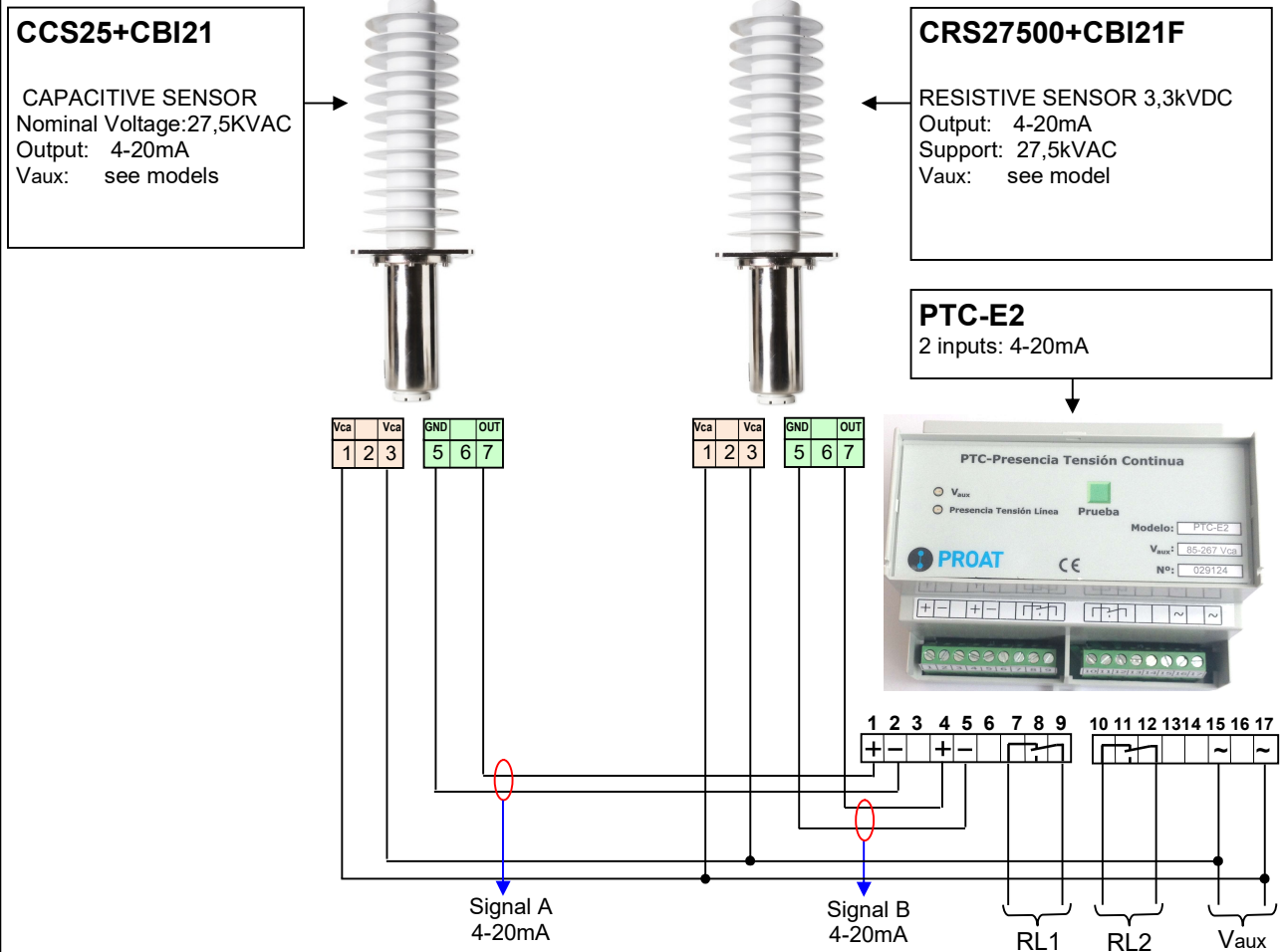


GDB- Catenary Voltage Discriminator



Operating Table PTC-E2 (version 8.2)							
Signal A		Signal B		Auxiliary Voltage	RL1 (7-9)	RL2 (10-12)	Led Presence Voltage
x VAC	----	x VDC	----	NO	Close	Close	OFF
x VAC	0mA	x VDC	0mA	YES	Close	Close	3 impulses
x VAC	>=4mA	x VDC	0mA	YES	Close	Close	2 impulses
x VAC	0mA	x VDC	>=4mA	YES	Close	Close	1 impulse
0VAC	4mA	0VDC	4 mA	YES	Open	Open	OFF
6.900VAC	8mA	0VDC	4 mA	YES	Open	Open	OFF
8.600VAC	9mA	0VDC	4 mA	YES	Close	Open	ON
27.500VAC	20mA	0VDC	4 mA	YES	Close	Open	ON
0VAC	4mA	400VDC	6 mA	YES	Open	Open	OFF
0VAC	4mA	620VDC	7 mA	YES	Open	Open	OFF
0VAC	4mA	825VDC	8 mA	YES	Open	Close	ON
0VAC	4mA	2.250VDC	15mA	YES	Open	Close	ON
0VAC	4mA	3.300VDC	20mA	YES	Open	Close	ON

Models

GDB 27,5kVca/3,3kVcc/ A

Auxiliary voltage

- A - 230 Vca /50-60Hz
- B - 110 Vca/50-60 Hz
- C - 85-265 Vca/85-370Vcc- 47..440Hz



Version 8.2

16-Feb-2015

GDB 27,5kVca/3,3kVcc/x

Catenary voltage discriminator with two possible voltages 27,5kVAC y 3,3kVDC