

Voltage Indicator: CVI S1

With 1 Relay Output

The Capacitive Voltage Indicator is designed for to use with MV capacitive voltage divider devices.

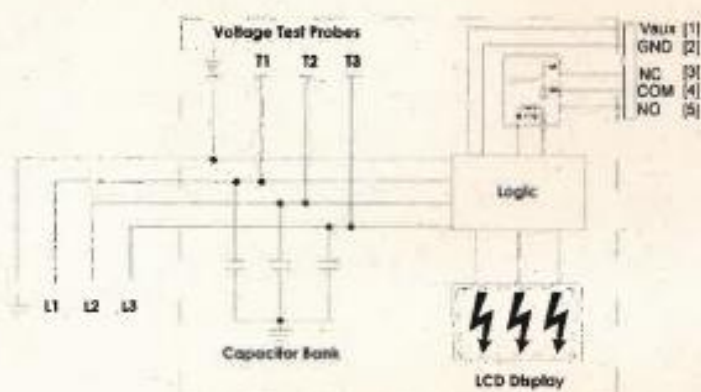


Features:

- LRM system
- According to IEC 62271-213
- No auxiliary power is needed for voltage detection
- Wide auxiliary input range for relay power supply
- 3-Phase LCD display
- Change-over contact for status monitoring
- Easy for installation and maintenance

Technical Parameters:

- 1.Rated frequency : 50Hz or 60Hz
- 2.Threshold voltage : 10% to 45%Un
- 3.Operating temperature: -25°C to +55°C
- 4.Storage temperature : -30°C to +80°C
- 5.Protection class : IP54
- 6.Connection leads : 4.8*0.8mm fast-on term.
- 7.Dimension : 96*50*50mm
- 8.Cutting size : 92*45mm
- 9.Contact output : 8A, 250VAC or 30VDC
- 10.Auxiliary power : 24 to 230V AC/DC
- 11.Power consumption : Less than 2W



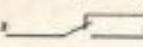
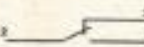
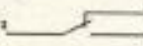
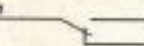
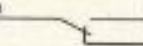
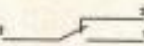
Capacitive voltage Indicator with relay output

LARA Elektromekanik Sanayi ve tic.ltd.

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www.laraelectromechanical.com

Voltage Indicator: CVI S1

Vaux status	Phase voltage	Type-1 Codes 6628-6688 6629-6630 6631	Type-2 Codes 6683-6691 6684-6685 6692
		Contact status	Contact status
Off	For any status		
		2-3	2-3
On	All phases <10% Un		
		2-3	1-2
On	At least one phase >45% Un		
		1-2	2-3

Auxiliary Supply	Red Led
On	On
Off	Off

Function table (Type-1):

Phase Voltage	Auxiliary Supply	Voltage Indication	Relay 1	
			NO-COM 1-2	NC-COM 2-3
<10%	Off	Off	Off	On
>45%	Off	On	Off	On
<10%	On	Off	Off	On
>45%	On	On	On	Off

Type-1 Terminal connection	Relay
1	NO
2	COM
3	NC
Energy supply	
4	Vaux (24-230 V AC/DC)
5	Gnd (-)

Type-2 Terminal connection	Relay
1	NO
2	COM
3	NC
Energy supply	
4	Vaux (24-230 V AC/DC)
5	Gnd (-)

Function table (Type-2):

Phase Voltage	Auxiliary Supply	Voltage Indication	Relay 1	
			NO-COM 1-2	NC-COM 2-3
<10%	Off	Off	Off	On
>45%	Off	On	Off	On
<10%	On	Off	On	Off
>45%	On	On	Off	On

INDICATION OF LCD	Indication with normal operation	Status of phase Voltage U
	Nominal Voltage Present (full arrow)	$U > 45\% \cdot U_n$
	Voltage Present (light black arrow)	$10\% \cdot U_n < U < 45\% \cdot U_n$
No indication	No Voltage	$U < 10\% \cdot U_n$



Required data for order:

- Capacitance of coupling electrode C1
- C2 options; 3.3, 6.8, 10, 22, 47, 68, 91 nF
- Cable type and length
- Auxiliary power (24-230V AC/DC required)
- Options; type-1, type-2

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