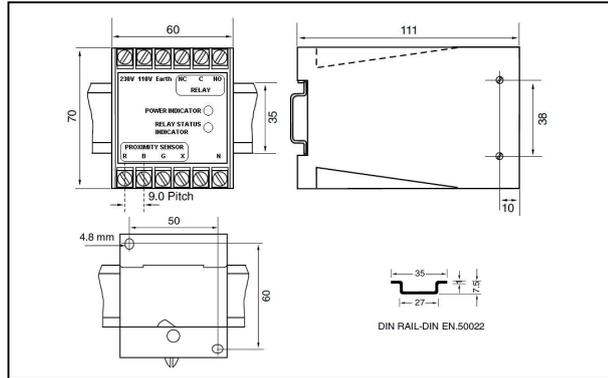


# Namur Control Unit – Power Supply Unit with Zener Barrier for Namur Sensor:

230 / 110 VAC | DIN Rail | Namur | Relay

Ordering Code: CUN-21-R-7060-V1 (Without Cable Fault Detection)

Ordering Code: CUP-21-R-7060-V2 (With Cable Fault Detection)



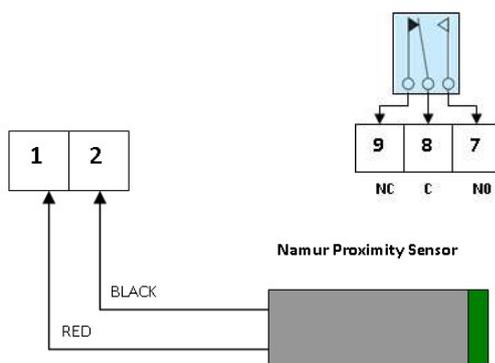
Namur Control Unit is used with Namur sensors to convert the low current signal of the sensor into a relay switching action. It can be used with either the Inductive or capacitive Namur sensors. The Namur sensor is positioned in the hazardous area and is connected by two wires to this Namur control unit, which is to be mounted in a safe area or inside a flameproof enclosure. Three LEDs indicators on the front fascia of the unit indicate Power, Cable fault and Relay status.

## Technical Specifications

Electrical Data	
Power Supply	110 Vac / 230 VAC; 50Hz
Terminals	6+6 Nos; Slotted
Short circuit Protection	Internal Fuse - 100mA
Power supply for Sensor	8.2 VDC through Zener Barrier
Sensor O/P type compatibility	Namur 2 Wire
Indicators	Power & Relay status Cable Fault (Optional)
Relay Contact arrangement	SPDT, Form C
Relay Contact Rating	230 VAC/24 VDC; 6A
Relay switching speed	12 ms
Min Relay Life Expectancy	1 Lakh operations at rated load
Opto-Coupled O/P (in lieu of relay)	YES - optional on request
Mechanical Data	
Operating Environment	Non-hazardous (Safe area) / Inside Flameproof enclosure
Environmental Protection	IP40
Housing Type	DIN Rail / Panel Mount
Housing Dimensions	60 x 70 x 111 mm
Mounting	DIN Rail 35mm / Screw Fitting
Housing Material	ABS
Operating Temperature range	-0 to 60° C
Insulation	>100 mega ohms at 500 VDC
Breakdown Voltage	>2500 VAC

Namur Proximity Switch Connections

Relay Connections



**NOTE:** Supply to Namur sensor is routed through 390 ohms series resistance & 8.2V-0.7W Zener diode / barrier.



This Namur Control Unit is to be used / mounted in Safe area (Non-Hazardous) **OR** inside a Flame proof enclosure when used in Hazardous area

ACCENT CONTROLS