

Three-Phase Current Loss Detectors

CLD3-Series

Specifications

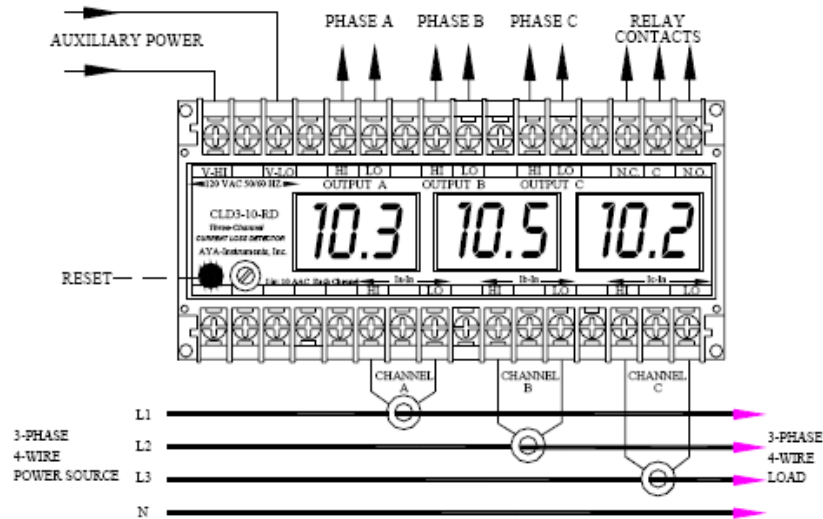
- **Current Range:** 0-1 or 0-10 AAC (each channel)
- **Accuracy Class:** 0.5%
- **Frequency Range:** 20-400 Hz
- **Output Signal:** 0-10 Volt DC
- **Response Time:** 300 Msec
- **Optional Relay Output:** NC, COM, NO Contacts
- **Optional Digital Display:** LCD - (Height = 0.37")
- **Power:** 115 VAC, 50/60 Hz
(230 VAC Optional)
- **DIN Enclosure:**
 - **Without Displays:** 3.95" W x 2.9" H x 4.4" D
 - **With Displays:** 5.9" W x 2.9" H x 4.4" D
- **Weight:** 1.0 lb.
- **Operating Environment:** 59-86°F (15-30°C),
20%-50% Rel. Humidity

Specifications subject to change without notification.



The **CLD3** is a **Three-Channel current monitor and current-loss detector**. It provides three DC analog signals and it also detects if the current in one or more phases is lost or is below a preset threshold. It provides an alarm signal or a relay contact closure when the current of one or more channels is below the threshold for a duration that can be adjusted by the user from several seconds to several minutes.

The **CLD3 Series** includes three-channel monitors/detectors that are ideal for three-phase AC motor application without external current transformers for currents up to 10 Amperes on each phase.



Current Loss Detectors Selection Chart

CURRENT RANGE (Each Phase)	MODELS WITHOUT DISPLAY		MODELS WITH DISPLAY	
	Alarm Output	Relay Contacts	Alarm Output	Relay Contacts
1 AAC	CLD3-1	CLD3-1-R	CLD3-1-D	CLD3-1-RD
10 AAC	CLD3-10	CLD3-10-R	CLD3-10-D	CLD3-10-RD