



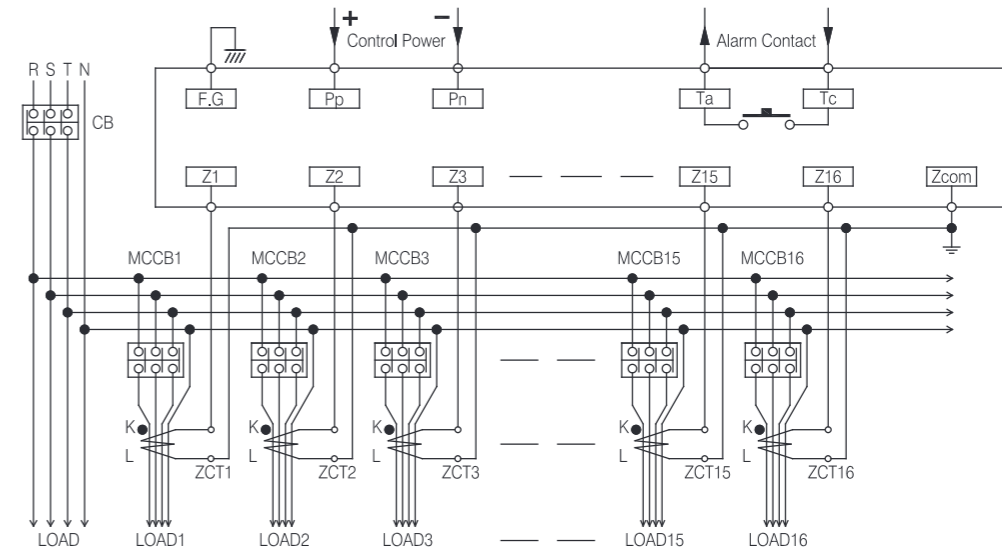
Digital Earth Leakage Detector -FND Type 06/10/16 Channel

- ◆ This product satisfies the EMC (KN101 electromagnetic compatibility) test.
- ◆ By extending the leakage current measurement area up to 10A and displaying it, it provides convenience in measurement compared to existing products.
- ◆ When installing a panel, the built-in depth of the product is reduced to 72mm, so it can be installed in a smart switchboard or small power distribution box.
- ◆ It is a product that applies software-type filtering technique to suppress harmonics generated from inverter load by digital measurement method.
- ◆ With the fault current recording function, the most recent leakage current value is displayed through the event menu.
- ◆ It has the best cost-performance ratio among domestic products.
- ◆ It is manufactured with the same panel perforation size as the basic product.

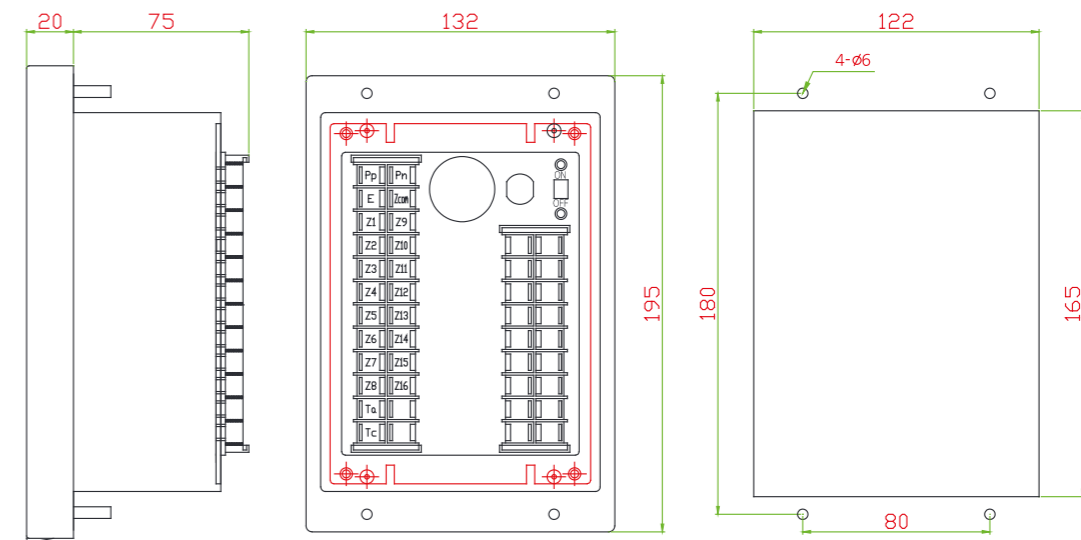
Rating

MODEL		DED-FD16	DED-FD10	DED-FD6
Count of Input Circuit		16 circuit	10 circuit	6 circuit
Control Power	Rated Freq.	50/60 Hz		
	Rated Volt.	AC/DC 110~220V		
	Operation Volt.	AC/DC 85~240V		
Output Contact	Common contact	for Alarm "1a" Dry-Contact		
	Contact capacity	AC 125V, 5A / DC 30V, 5A		
Operation Current	Nominal op. volt.	AC 100mA/45mV		
	Sensitivity adj. curr.	OFF, 0.1 ~ 1.0A [0.1A Step]		
	Nominal op. volt.	53% ~ 75% of correction value		
Op. Time	Measuring Range	0.05 ~ 10.00A, Once over 2A , display 'over'		
	Op. Characteristic	[Definite Time]		
Return Setting	Delay Time	0.05 ~ 9.95sec [0.05sec Step]		
	Quiescent Current	52% and less of correction value		
	Return Time	within 100msec return		
Event	Return Manner	Auto / Manual		
	No. of Saving	Each circuit latest 1 time, First-in-first-out manner		
App. Standard	Function Test	KOFEIS 0308		
	EMC	KN 101		

Wiring Diagram



Dimensions



Digital Earth Leakage Detector -LCD Type 6Ch/10Ch/16Ch

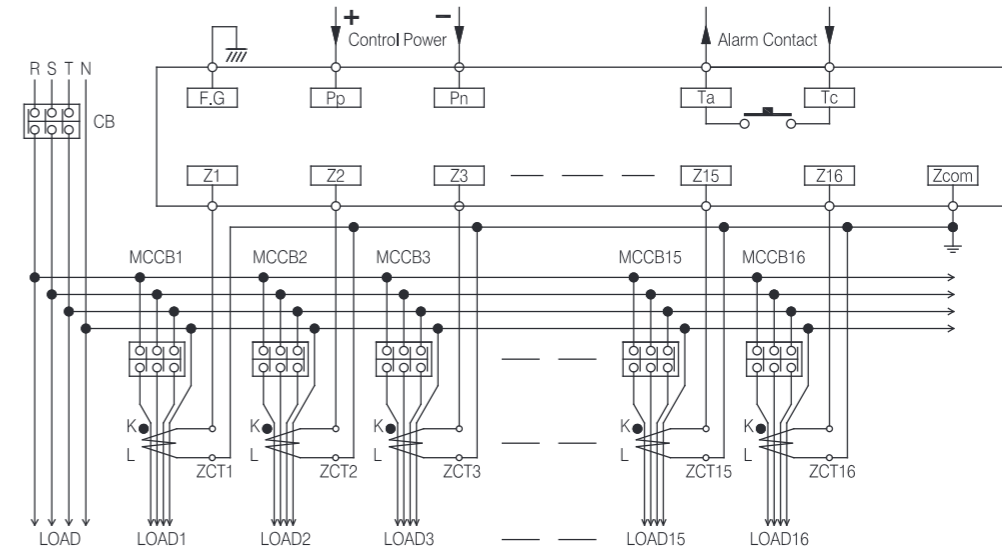


- ◆ This product satisfies the EMC (KN101 electromagnetic compatibility) test.
- ◆ By extending the leakage current measurement area up to 10A and displaying it, it provides convenience in measurement compared to existing products.
- ◆ When installing a panel, the built-in depth of the product is reduced to 72mm, so it can be installed in a smart switchboard or small power distribution box.
- ◆ It is a product that applies software-type filtering technique to suppress harmonics generated from inverter load by digital measurement method.
- ◆ With the fault current recording function, the most recent leakage current value is displayed through the event menu.
- ◆ It has the best cost-performance ratio among domestic products.
- ◆ LD Series is equipped with a standard protocol to enable communication with all PLCs.
- ◆ It is manufactured with the same panel perforation size as the basic product.

Rating

MODEL		DED-LD16C	DED-LD10C	DED-LD6C
Count of Input Circuit		16 circuit	10 circuit	6 circuit
Control Power	Rated frequency	50/60 Hz		
	Rated Volt.	AC/DC 110~220V		
	Operation Volt.	AC/DC 85~240V		
	Consumption burden	Max 6VA		
Output Contact	Common contact	for Alarm "1a" Dry-Contact		
	Contact capacity	AC 125V, 5A / DC 30V, 5A		
Operation Current	Nominal Op. voltage	AC 200mA/100mV		
	Sensitivity adj.curr.	LOCK, 0.1 ~ 1.0A [0.1A Step]		
	Nominal Op. range	53% ~ 75% of correction value		
	Meas. range	0.04 ~ 10.00A, once over 10A, display 'over'		
Op. Time	Op. characteristic	Definite Time		
	Delay time	0.05 ~ 10.00sec [0.05sec Step]		
Return Setting	Quiescent Current	within 52% of correction value		
	Return Time	within 100msec Return		
	Return Manner	Auto / Manual		
Comm. Setting	Protocol	RS-485C Modbus RTU		
	Address	ID : 1~32		
	Baud-Rate	Speed : 9,600 / 19,200bps		
Event	No. of saving	10		
	Saving Data	Each circuit latest 1 time, First-in-first-out manner		
	Storing Method	latest 1 time, First-in-first-out manner		
App. Standard	Function Test	KOFEIS 0308		
	EMC	KN 101		

Wiring Diagram



72mm Depth

Dimensions

