



For Dimension refer diagram D/E on page no. 19

Description	DIN RAIL MOUNT EARTH LEAKAGE RELAY		
Model	VIPS-98P	VIPS-98I	VIPS-98
Display	Bargraph	---	
Auxiliary Supply	90 - 270VAC/DC	240VAC, (+15% -25%)	90 - 270VAC/DC
Burden On Supply	<3 VA		
Set Point (In)	0.03, 0.1, 0.3, 0.5, 1.0, 3.0, 5.0, 10.0, 20.0 & 30.0 Amps	30mA / 100mA / 300mA (Factory set) Any other on request	300mA to 3.0 / 1A to 10A Any other on request
Delay	0 (< 25mS for Fault current >5xIth), 60, 150, 250, 500, 800 msec, 1, 2, 5, 10, Sec	Less than 100ms	0.1 to 10 Sec Adjustable
Relay Contacts	1 Potential free contact (NO, C & NC) / 2C/O Optional (energise on trip)		
Reset	Manual		
Trip Relay	80 - 90% of Set point		
Alarm Relay	50% of Set Value (Optional)	---	
Contact Rating	6 Amps / 230VAC / 28VDC		
Temperature	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C		
Humidity	<95% RH (non condensing)		
Dimensions	Refer diagram E on page no. 19	Refer diagram D on page no. 19	Refer diagram E on page no. 19
Mounting	Din (35 mm rail)	Din (35 mm rail) / 2 x m4 screw	Din (35 mm rail)
Input	CBCT 35/70/120/210mm ID	Inbuilt CBCT 25mm dia	CBCT 35/70/120/210mm ID (any other circular / rectangular size on request)
Special Features	CBCT open circuit detection	---	CBCT open circuit detection



Dimension : 96x96 | Panel Cutout : 92x92

Description	DOOR MOUNT EARTH LEAKAGE RELAY		
Model	VIPS-98 PF (96x96)	VIPS-98L (96x96)	VIPS-98D (96x96)
Display	7 segment LED display	LCD display	---
Input	CBCT 35/70/120/210mm ID (any other circular / rectangular size on request)		
Auxiliary Supply	90 - 270VAC/DC	240VAC / 110VAC, (+15% -25%)	
Burden On Supply	<3 VA		
Set Point (In)	0.03, 0.1, 0.3, 0.5, 1.0, 3.0, 5.0, 10.0, 20.0 & 30.0 Amps	10mA up to 12 Amps	1 - 8 Amps (Any other on request)
Delay	0 (< 25mS for Fault current >5xIn), 60, 150, 250, 500, 800 msec, 1, 2, 5, 10, Sec	0.05 to 5 Sec	0.05 to 3 Sec
Relay Contacts	1 Potential free contact (NO, C & NC), 2 C/O on request (energise on trip)		
Reset	Manual		
Trip Relay	80 -90% of Set point		
Alarm Relay	50% of Set Value (Optional)	---	
Contact Rating	6 Amps / 230VAC / 28VDC		
Temperature	<b>Operating:</b> -10° C to 55° C, <b>Storage:</b> -20° C to + 75° C		
Humidity	<95% RH (non condensing)		
Special Features	CBCT open circuit detection		

**Common Features:**

- All ratios available to match commonly available ELR's
- Slim Design
- Light Weight
- Encapsulated CBCT
- Terminals are finger proof touch as per IEC
- Highly Cost effective
- Compact in size

**Specification:**

<b>System Voltage</b>	720 V maximum	<b>Distance Between Toroid and relay</b>	< 50 meters
<b>Insulation Voltage</b>	3kV for 1minute	<b>Operating Temperature</b>	- 20° C to 70° C
<b>System Frequency</b>	50 Hz or 60 Hz	<b>Humidity</b>	<95% RH (non condensing)
<b>Max. Permissible Current</b>	1KA continues 5KA for 1.5 Sec.	<b>Enclosure</b>	Flame retardant glass filled ABS
<b>Terminal Conductor</b>	2.5mm <sup>2</sup>	<b>Compliance with</b>	IEC 44 - 1 and IEC185
<b>Current Ratio</b>	1 / 1000, 1 / 600 any other on request	<b>Mounting</b>	Four Fixing Slots

