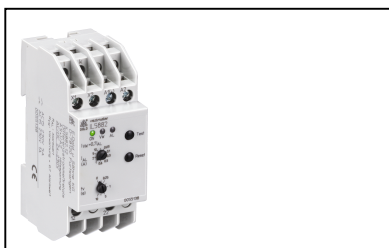
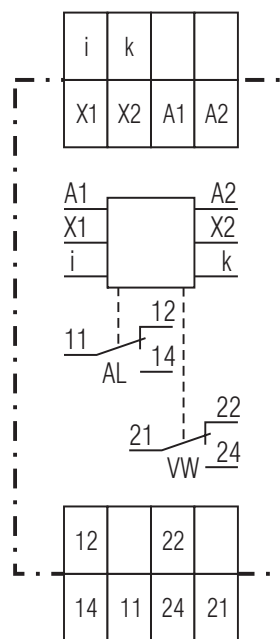


Differential current relay IL 5882, varimeter



IL 5882.38

- For AC and pulsating DC currents (Typ A)
- 9 tripping values from 10 mA ... 10 A
- Connected to core balance transformer, e.g. Dold ND 5019
- With prewarning
- With test and reset button
- Broken wire detection
- With adjustable delay t_v
- LED indication for auxiliary supply and state of contact
- 2 x 1 changeover contact



M8349_a

IL 5882.38

Application

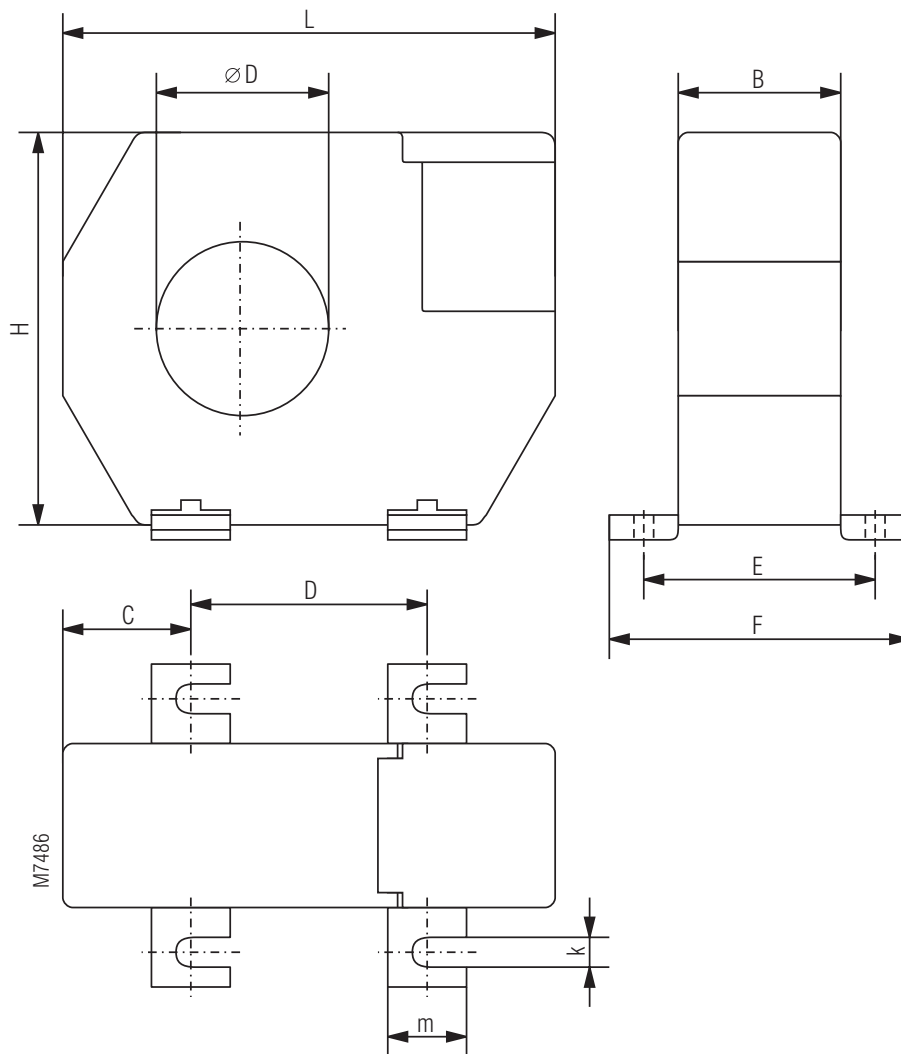
Detection of insulation faults in grounded voltage systems. The differential current relay is used to maintain electrical plants before faults occur. Decrease in insulation can be detected and indicated early without interruption of operation.

Technical data:

Auxiliary voltage U_H :	AC/DC 24 ... 230 V
Nominal frequency U_H :	50 ... 400 Hz
Measuring value adjustable via rotational switch:	AC 0.01 A; 0.03 A; 0.1 A; 0.3 A; 0.6 A, 1 A; 2 A; 5 A; 10 A
Hysteresis:	approx. 4 % of trip value fixed
Response delay t_v :	0 ... 5 s adjustable
Output	
IL 5882.38	1 C/O contact for prewarning, 1 C/O contact for alarm 3 A / AC 230 V (for NO contact)
Thermal current I_{th} :	5 A
Temperature range:	- 20 ... + 60°C
Dimensions:	35 x 90 x 63 mm (width x height x depth)

Type	Order Ref.	U_N	Unit price			
			1+	10+	50+	250+
0055138	9515097	AC/DC 24 - 230 V	00000	00000	00000	00000

Accessories, differential current transformer ND 5019



Dimensions in mm			
	ND 5019/035	ND 5019/035	ND 5019/105
$\varnothing D$	35	70	105
L	100	130	170
B	33	33	33
H	79	110	146
C	26	32	38
D	48.5	66	94
E	46	46	46
F	61	61	61
k	6.5	6.5	6.5
m	16	16	16

Weight			
	ND 5019/035	ND 5019/035	ND 5019/105
kg	0.15	0.24	0.5

Technical data:

Nominal burden: 180 Ω
Primary nominal current: 10 A
Continuous overload: 20 A
Accuracy class: 3
Transformation ratio: 500 / 1

Type	Order Ref.	Model	Unit price			
			1+	10+	50+	250+
0055116	9515526	ND 5019/035	00000	00000	00000	00000
0055117	9515534	ND 5019/070	00000	00000	00000	00000
0055118	9515542	ND 5019/105	00000	00000	00000	00000