

Product datasheet

Specifications



Closed toroid B type, VigiPacT,
TB120, inner diameter 120mm,
rated current 250A

LV481013

EAN Code: 3606489913038

Main

Range	VigiPacT
Device short name	TB120
Product or component type	Earth leakage current sensor
Device application	Equipment monitoring and control
Range compatibility	VigiPacT RHB residual current protection relay VigiPacT RHB wiring kit
current sensor type	B type closed toroid
[Ie] rated operational current	250 A

Complementary

Network frequency	50/60 Hz 0...2000 Hz
[Icw] rated short-time withstand current	25 kA for 0.5 s
Residual short-circuit withstand current	36 kA / 0.5 s conforming to IEC 60947-2
[Ui] rated insulation voltage	800 V
Overvoltage category	III
[Uimp] rated impulse withstand voltage	8 kV
Mounting mode	Fixed (plain backplate)
Connections - terminals	Prefabricated connection
Diameter	120 mm inner:
Net weight	1.460 kg
Height	225 mm
Width	188 mm
Depth	96 mm

Environment

IP degree of protection	Body: IP40 Connectors: IP20
Environmental characteristic	Exposure to damp heat in service: category C2: 48 hours conforming to IEC 60068-2-56 Exposure to damp heat not in service (25...55 °C, RH 95 %) : 28 cycles conforming to IEC 60068-2-30 Salt mist: Kb/2 conforming to IEC 60068-2-52
Pollution degree	Level 2 conforming to IEC 60664-1
Ambient air temperature for operation	-25...70 °C

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Ambient air temperature for storage	-25...70 °C
Standards	IEC 60947-2
Product certifications	CE

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.500 cm
Package 1 Width	23.500 cm
Package 1 Length	31.500 cm
Package 1 Weight	1.836 kg
Unit Type of Package 2	S04
Number of Units in Package 2	3
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	6.208 kg
Unit Type of Package 3	P06
Number of Units in Package 3	12
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	29.760 kg

Logistical informations

Country of origin	DE
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Contractual warranty

Warranty (in months)	18
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	3815e14f-1f03-48b5-b486-8328d0da7e28

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Assembly's dimensions

