

Product datasheet

Specifications



protection relay, VIP 410A, dual-powered

REL59916

Main

Product or component type	Protection relay
Device short name	VIP 410A
Complementary information	Dual powered protection relay With dual core CUa (200 A primary) and CUb (630 A primary) current sensors
Product compatibility	RM6 RM AirSeT SM6 SM AirSeT Ringmaster PremSeT EvoPact SFset
Function available	Overcurrent protection Earth fault protection Thermal overload protection Cold load pick-up (CLPU) Tripping by Mitop Trip circuit supervision Phase and earth fault current measurement Phase peak demand current values Load current and breaking current history Time-tagged record of the last 5 events Very sensitive earth fault protection External Trip
Standards	IEC 60255-1
Rated frequency (fr)	50/60 Hz
Auxiliary power supply	24...125 V DC 100...120 V AC
Digital input number	1
Digital output number	3
Communication port protocol	Modbus serial With auxiliary power supply only
Mounting support	Flush mounting

Complementary

Degrees of protection provided by enclosures (IP code)	IP54 (front panel) IP30 (other parts (connector mounted))
Degree of protection of enclosure against external mechanical impacts (IK code)	IK07
Product safety	IEC 61010-1 IEC 60255-27
Electromagnetic compatibility	conforming to IEC 60255-26
Marking	CE UKCA

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Mass	1 kg
Height	140 mm
Width	180 mm
Depth	105 mm

Environment

Ambient air temperature for operation	-40...70 °C
Ambient air temperature for storage	-40...70 °C
Humidity conditions	<= 93 % relative humidity
Operating altitude	<= 2000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.900 cm
Package 1 Width	18.000 cm
Package 1 Length	26.400 cm
Package 1 Weight	1.320 kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30.000 cm
Package 2 Width	40.000 cm
Package 2 Length	60.000 cm
Package 2 Weight	8.619 kg
Unit Type of Package 3	P12
Number of Units in Package 3	24
Package 3 Height	43.000 cm
Package 3 Width	80.000 cm
Package 3 Length	120.000 cm
Package 3 Weight	45.675 kg

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 >](#)



Environmental footprint

Environmental Disclosure

[Product Environmental Profile](#)

Use Better



Materials and Substances

Packaging made with recycled cardboard

No

Packaging without single use plastic

No

EU RoHS Directive

[Compliant By Exemption](#)

REACH Regulation

[Reference contains Substances of Very High Concern above the threshold](#)

Use Longer



Lifetime extension

Repair

No

Use Again



Repack and remanufacture

End of life manual availability

[End of Life Information](#)

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