

# A9TYA4625

Arc fault detection with RCD add-on block,  
Acti9 VigiARC iDT40, 1P+N, 25A, 30mA, type  
A-SI



## Main

Range of product	Acti 9
Product or component type	Arc fault detection with residual current protection add-on block
Product name	Acti9 VigiARC iDT40
Device short name	VigiARC iDT40
Poles description	1P + N
Neutral position	Left
[In] rated current	25 A
Network type	AC
Network frequency	50 Hz
[Ue] rated operational voltage	230 V AC
Residual current tripping technology	Voltage independent
Earth-leakage sensitivity	30 mA
Earth-leakage protection class	Type A-SI (Super Immunised)
Earth-leakage protection time delay	Instantaneous
Electrical data recording	Date and time Maintenance indicators
9 mm pitches	2

## Complementary

Device location in system	Outgoer
[Ui] rated insulation voltage	400 V AC
Threshold tripping voltage	275 V +/- 5 V
[Uimp] rated impulse withstand voltage	4 kV
Local signalling	ON, OFF, fault trip LED arc fault diagnostic
Mounting mode	Clip-on
Mounting support	DIN rail
Colour	White (RAL 9003)
Mechanical durability	20000 cycles
Electrical durability	10000 Cycles > 25 A 20000 cycles <= 25 A
Wire stripping length	14 mm
Tightening torque	2 N.m
Height	91 mm
Width	36 mm
Depth	73 mm
Net weight	102 g

## Environment

IP degree of protection	IP20 conforming to IEC 60529
Pollution degree	2
Tropicalisation	Severity B conforming to IEC 60068-2-30 for 28 d
Operating altitude	2000 m
Ambient air temperature for operation	-25...60 °C

Ambient air temperature for storage	-40...85 °C
Standards	EN/IEC 62606 EN/IEC 61009-1 EN/IEC 61009-2-1
Quality labels	NF

### Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins