

## Product data sheet

### Characteristics

# A9C15924

## Acti9 iACT - 24V DC control and auxiliary contact 1 NO with Ti24 PLC interface



### Main

Range	Acti9
Product or component type	Control and indication auxiliary
Device short name	iACT24
Signal contacts composition	1 NO
Signalling circuit voltage	24 V DC: - 20...20 % 0.002...0.1 A
[Uc] control circuit voltage	230 V AC 50/60 Hz maintained >= 200 ms 24 V DC falling edge 24 V DC rising edge
Control type	Remote control
[Us] rated supply voltage	230 V AC at 50/60 Hz

### Complementary

Mounting mode	Fixed, on the left of CT
Mounting support	DIN rail
Comb busbar and distribution block compatibility	Bottom: YES Top: NO
9 mm pitches	2
Height	81 mm
Width	18 mm
Depth	68 mm
Colour	White
Overvoltage category	III
[Uimp] rated impulse withstand voltage	4 kV
[Ui] rated insulation voltage	440 V
Immunity to microbreaks	10 ms
Undervoltage behaviour	No opening if loss of 24 V DC
Standards	IEC 60947-1 annex S
Quality labels	CE
Electrical durability	250000 cycles conforming to IEC 60947-5-1
Connections - terminals	Control circuit: tunnel type terminals 2 cable(s) 2.5 mm <sup>2</sup> flexible Control circuit: tunnel type terminals 2 cable(s) 1.5 mm <sup>2</sup> rigid Auxiliary supply: tunnel type terminals 2 cable(s) 2.5 mm <sup>2</sup> flexible Auxiliary supply: tunnel type terminals 2 cable(s) 1.5 mm <sup>2</sup> rigid Control circuit: spring-loaded terminal Ti24 2 cable(s) 0.25...0.75 mm <sup>2</sup> flexible Control circuit: spring-loaded terminal Ti24 1 cable(s) 0.5...1.5 mm <sup>2</sup> flexible
Wire stripping length	Control circuit: 10 mm for bottom connection Auxiliary supply: 10 mm for bottom connection Control circuit: 10 mm for top connection
Tightening torque	Control circuit: 1 N.m bottom Auxiliary supply: 1 N.m bottom
Product compatibility	ICT 230/240 V 50 Hz With PLC ICT 220 V 50 Hz Acti 9 Smartlink ICT 220/240 V 50 Hz
Market segment	Residential Small commercial
Compatibility code	IACT24

## Environment

IP degree of protection	IP20 conforming to IEC 60529 IP40 (modular enclosure) conforming to IEC 60529
Pollution degree	3 conforming to IEC 60439-1
Tropicalisation	2 conforming to IEC 60947-5-1
Relative humidity	93 % at 40 °C conforming to IEC 60068-2
Ambient air temperature for operation	-25...60 °C
Ambient air temperature for storage	-40...80 °C

## Packing Units

Unit Type of Package 1	Db
Number of Units in Package 1	1
Package 1 Height	2.7 cm
Package 1 Width	7.6 cm
Package 1 Length	8.6 cm
Package 1 Weight	84.0 g
Unit Type of Package 2	Doboz
Number of Units in Package 2	108
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	9.546 kg

## Offer Sustainability

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

## Contractual warranty

Warranty	18 months
----------	-----------