



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 ² flexible Control circuit: tunnel type terminals 2 cable(s) 1.5 mm ² rigid Auxiliary supply: tunnel type terminals 2 cable(s) 2.5 mm ² flexible Auxiliary supply: tunnel type terminals 2 cable(s) 1.5 mm ² rigid Control circuit: spring-loaded terminal Ti24 2 cable(s) 0.25...0.75 mm ² flexible Control circuit: spring-loaded terminal Ti24 1 cable(s) 0.5...1.5 mm ² 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

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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	PCE
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	S03
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	 REACH Declaration
EU RoHS Directive	Compliant with Exemptions
Mercury free	Yes
Sustainable packaging	Yes
China RoHS Regulation	 China RoHS Declaration
RoHS exemption information	 Yes
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
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