

Product datasheet

Specifications



RelayAux - auxiliary supply supervision relay - 4 C/O - 125 VDC

REL91344

Main

Range of product	RelayAux
Product or component type	Auxiliary supply supervision relay
[Uc] control circuit voltage	125 V DC (- 20 % + 10 % Un)
status LED	With
Local signalling	LED

Complementary

Contacts type and composition	4 C/O
insulation resistance measurements	> 100 MOhm at 500 V DC conforming to IEC 60255-5
[Uimp] rated impulse withstand voltage	5 kV during 1.2/50 µs conforming to IEC 60255-5
Contacts material	AgNi
permanent current	10 A
instantaneous current	80 A during 200 ms 200 A during 10 ms
Mechanical durability	10000000 cycles
consumption in permanence (Un)	4.5 W - permanent
pick-up time	20 ms
drop-out time	400 ms
maximum contact resistance	30 mOhm
Inter contact distance	1.8 mm
Mechanical robustness	Shocks 11 ms (5 gn) conforming to IEC 60068-2-27 Bumps 16 ms (10 Gn) conforming to IEC 60068-2-29
Height	50.4 mm
Width	42.5 mm
Depth	96.6 mm
Product weight	0.25 kg

Environment

Dielectric strength	2 kV 50 Hz 1 min conforming to IEC 60255-5
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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

Electromagnetic compatibility	Conducted and radiated emissions criteria A conforming to EN 55022 Conducted and radiated emissions criteria B conforming to EN 55022 Electrostatic discharge - test level: 15 kV level 4 (air discharge) conforming to IEC 61000-4-2 Electrostatic discharge - test level: 8 kV level 4 (contact discharge) conforming to IEC 61000-4-2 Radiated radio-frequency electromagnetic field immunity test - test level: 10 V/m, 80 MHz...1 GHz level 3 conforming to IEC 61000-4-3 Radiated radio-frequency electromagnetic field immunity test - test level: 10 V/m, 80 MHz...1 GHz level 3 conforming to ENV 50204 Electrical fast transient/burst immunity test - test level: 4 kV, 5 kHz level 4 (1 min) conforming to IEC 61000-4-4 Surge immunity test - test level: 2 kV level 3 (common mode) conforming to IEC 61000-4-5 Surge immunity test - test level: 1 kV level 3 (differential mode) conforming to IEC 61000-4-5 Conducted RF disturbances - test level: 10 V, 0.15...80 MHz level 3 conforming to IEC 61000-4-6 Magnetic field at power frequency - test level: 100 A/m level 5 (continuous) conforming to IEC 61000-4-8 Magnetic field at power frequency - test level: 1000 A/m level 5 (2 s) conforming to IEC 61000-4-8 Damped oscillating waves - test level: 2.5 kV, 1 MHz level 3 (common mode) conforming to IEC 60255-22-1 Damped oscillating waves - test level: 1 kV, 1 MHz level 3 (differential mode) conforming to IEC 60255-22-1
Environmental characteristic	Exposure to cold in operation conforming to IEC 60068-2-1 Exposure to cold in storage conforming to IEC 60068-2-1 Continuous exposure to damp heat in storage 56 d (93 %) conforming to 40 °C conforming to IEC 60068-2-78 Salt mist in storage conforming to ISO 9227 Exposure to dry heat in operation conforming to IEC 60068-2-2 Exposure to dry heat in storage conforming to IEC 60068-2-2
Vibration resistance	1 gn (f = 58...150 Hz) conforming to IEC 60068-2-1 +/- 0.075 mm (f = 10...58 Hz) conforming to IEC 60068-2-1
IP degree of protection	IP40 conforming to IEC 60529
Ambient air temperature for operation	-25...55 °C
Ambient air temperature for storage	-25...70 °C
Fire resistance	850 °C during 30 s
Operating altitude	< 2000 m
Directives	89/336/EEC - electromagnetic compatibility 92/31/EEC - electromagnetic compatibility 93/68/EEC - low voltage directive 72/23/EEC - low voltage directive
Product certifications	CE UL listed file E322124

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	4.800 cm
Package 1 Width	5.400 cm
Package 1 Length	11.600 cm
Package 1 Weight	258.000 g

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	No
Packaging without single use plastic	No

Use Longer

Lifetime extension	
Repair	No

Use Again

Repack and remanufacture	
Take-back	No