Product data sheet
Characteristics

GV4AU027
Undervoltage release, TeSys GV4, MN coil, 24VAC/DC



Main

Range	TeSys
Device short name	MN
Product or component type	Voltage release
Device application	Control
Range compatibility	TeSys TeSys GV4 TeSys TeSys BV4
Voltage release type	Undervoltage release
[Uc] control circuit voltage	24 V AC 50/60 Hz 24 V DC

Complementary

[Ui] rated insulation voltage	24 V conforming to IEC 60947-1
Threshold tripping voltage	< 0.35 Un failsafe opening 0.35...0.7 Un possible opening 0.85...1.1 Un enabled closing
Mounting mode	Internal mounting
Maximum inrush power in VA	7 VA
Maximum inrush power in W	2 W
Maximum hold-in power consumption in VA	7 VA
Maximum hold-in power consumption in W	2 W
Mechanical durability	20000 Cycles
Operating time	< 50 ms
Connections - terminals	Spring terminals 1 0.5…1.5 mm² - cable stiffness: flexible without cable end
Wire stripping length	8 Mm

Environment

Quantity per set	Set of 1

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.500 Cm
Package 1 Width	6.000 Cm
Package 1 Length	8.500 Cm
Package 1 Weight	66.000 G
Unit Type of Package 2	BB1
Number of Units in Package 2	10

Package 2 Height	9.000 Cm
Package 2 Width	13.000 Cm
Package 2 Length	18.500 Cm
Package 2 Weight	690.000 G
Unit Type of Package 3	S03
Number of Units in Package 3	10
Package 3 Height	30.000 Cm
Package 3 Width	30.000 Cm
Package 3 Length	40.000 Cm
Package 3 Weight	1.120 Kg

Offer Sustainability

Recyclability potential, in %	32
Total lifecycle Carbon footprint	252 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.7516718750000001
Carbon footprint of the manufacturing phase [A1 to A3]	0.8 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.008617523333333335
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.029248616666666668
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	251.33
Carbon footprint of the use phase [B2, B3, B4, B6]	251 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.10995231944444446
Carbon footprint of the end-of-life phase [C1 to C4]	0.1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	252
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	75582d60-9779-4641-a03b-18e996230a58
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which
Halogen-free status	Product contains halogen above thresholds
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

Contractual warranty

Warranty (in months)	18

Product Life Status : Commercialised