Product data sheet Characteristics

56137

Earth-leakage relay RH10M - 1 A - 240 V



Main

Main		
Range of product	Harmony XAL	
Product or component type	Light block	
Device short name	ZALV	
Product destination	For XB5 Ø 22 mm control and signalling units	
Mounting of block	Rear mounting	,
Sale per indivisible quantity	5	
Light source colour	Yellow	
[Us] rated supply voltage	230240 V AC	
Complementary		:
Assembly style	For customer assembly	

Complementary

Assembly style	For customer assembly			
Product weight	0.015 kg			
Connections - terminals	Screw clamp terminals : <= 2 x 1.5 mm² with cable end conforming to EN/IEC 60947-1 Screw clamp terminals : >= 1 x 0.22 mm² without cable end conforming to EN/IEC 60947-1			
Tightening torque	0.81.2 N.m conforming to EN 60947-1			
Shape of screw head	Cross, Philips no 1 Cross, pozidriv No 1 Slotted, flat Ø 4 mm Slotted, flat Ø 5.5 mm	not to be used for defermining		
[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1			
[Uimp] rated impulse withstand voltage	4 kV conforming to EN/IEC 60947-1			
Signalling type	Steady			
Light source	Integrated and protected LED	Substitute for and		
Supply voltage limits	195264 V AC			
Current consumption	14 mA			
Service life	100000 h at rated voltage and 25 °C			
Surge withstand	1 kV conforming to IEC 61000-5-1	. <u>v.</u>		
Bulb base	Integral LED	tation		
Light block supply	Direct			
Electrical composition code	MR1 PR1 56137	This documentation		
Compatibility code	ZALV			
		r.		

Environment

Protective treatment	TH
Ambient air temperature for storage	-4070 °C
Ambient air temperature for operation	-4070 °C
IP degree of protection	IP20 conforming to IEC 60529
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 JIS C 4520 CSA C22.2 No 14 UL 508 EN/IEC 60947-5-4 EN/IEC 60947-5-5
Product certifications	CSA UL listed
Vibration resistance	5 gn (12500 Hz) conforming to IEC 60068-2-6
Shock resistance	30 gn (duration = 18 ms) for half sine wave acceleration conforming to EN/IEC 60068-2-27 50 gn (duration = 11 ms) for half sine wave acceleration conforming to EN/IEC 60068-2-27
Resistance to fast transients	2 kV conforming to IEC 61000-4-4
Resistance to electromagnetic fields	10 V/m conforming to IEC 61000-4-3
Resistance to electrostatic discharge	6 kV on contact (on metal parts) conforming to IEC 61000-4-2 8 kV in free air (in insulating parts) conforming to IEC 61000-4-2
Electromagnetic emission	Class B conforming to IEC 55011

Contractual warranty

Warranty period	18 months		