



Main

Range of product	Harmony XALF
Product or component type	Top of car box
Device short name	XALF
Product specific application	Lift inspection
Control station composition	1 flush pushbutton spring return white 2 NO up arrow 1 flush pushbutton spring return blue 1 NO up and down arrows 1 flush pushbutton spring return black 2 NO down arrow 1 flush pushbutton spring return yellow 1 NO bell symbol 1 illuminated mushroom head emergency stop pushbutton (with guard) latching with mechanical state indicator (green/red) red 1 NO + 1 NC 1 power socket blue 1 selector switch with standard handle (with guard) stay put black 2 NO + 2 NC 2 positions 1 selector switch with standard handle (with guard) spring return to center black 1 NO + 1 NC 3 positions
[Us] rated supply voltage	24 V AC/DC

Complementary

Colour of base of enclosure	Light grey RAL 7035
Colour of cover	Yellow
Material	Polycarbonate
Product weight	0.85 kg
Marking	CE
Positive opening	With EN/IEC 60947-5-1 appendix K
Operating travel	1.5 mm NC changing electrical state 2.6 mm NO changing electrical state 4.3 mm total travel
Operating force	3.5 N NC changing electrical state 3.8 N NO changing electrical state
Operating torque	0.14 N.m NO changing electrical state
Mechanical durability	300000 cycles emergency stop pushbutton 1000000 cycles non illuminated selector switch 5000000 cycles spring return pushbutton
Connections - terminals	Screw clamp terminals $\geq 1 \times 0.22 \text{ mm}^2$ without cable end EN/IEC 60947-1 Screw clamp terminals $\leq 2 \times 1.5 \text{ mm}^2$ with cable end EN/IEC 60947-1
Tightening torque	0.8...1.2 N.m EN/IEC 60947-1
Shape of screw head	Cross pozidriv No 1 Cross Philips no 1 Slotted flat Ø 4 mm Slotted flat Ø 5.5 mm
Contacts material	Silver alloy (Ag/Ni)
Short circuit protection	10 A cartridge fuse gG EN/IEC 60947-5-1
[Ith] conventional free air thermal current	10 A EN/IEC 60947-5-1
[Ui] rated insulation voltage	600 V 3 EN/IEC 60947-1
[Uimp] rated impulse withstand voltage	6 kV EN/IEC 60947-1

[I _e] rated operational current	0.1 A 600 V DC-13 Q600 EN/IEC 60947-5-1 0.1 A 250 V DC-13 Q600 EN/IEC 60947-5-1 0.22 A 125 V DC-13 Q600 EN/IEC 60947-5-1 1.2 A 600 V AC-15 A600 EN/IEC 60947-5-1 3 A 240 V AC-15 A600 EN/IEC 60947-5-1 6 A 120 V AC-15 A600 EN/IEC 60947-5-1
Electrical durability	1000000 cycles AC-15 4 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 3 A 120 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles AC-15 2 A 230 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 0.5 A 24 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C 1000000 cycles DC-13 0.2 A 110 V 3600 cyc/h 0.5 EN/IEC 60947-5-1 appendix C
Electrical reliability IEC 60947-5-4	$\Lambda < 10\exp(-6)$ 5 V 1 mA EN/IEC 60947-5-4 $\Lambda < 10\exp(-8)$ 17 V 5 mA EN/IEC 60947-5-4
Light source colour	White

Environment

Protective treatment	TH
Ambient air temperature for storage	-40...70 °C
Ambient air temperature for operation	0...50 °C
Class of protection against electric shock	Class II IEC 61140
IP degree of protection	IP44 IEC 60529
IK degree of protection	IK05 IEC 50102
Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 EN/IEC 60947-5-5 EN 81-1
Vibration resistance	5 gn 2...500 Hz IEC 60068-2-6
Shock resistance	30 gn 18 ms half sine wave acceleration EN/IEC 60068-2-27 50 gn 11 ms half sine wave acceleration EN/IEC 60068-2-27
RoHS EUR conformity date	0834
RoHS EUR status	Compliant