# Product data sheet
## Characteristics

# XA2AD41
Complete selector switch, Harmony XA2, plastic short handle, 22mm, 2-position, 1NO, spring return, black



## Main

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|---|---|
| Range of product | Harmony XA2 |
| Device short name | XA2 |
| Product or component type | Complete selector switch |
| Device presentation | Complete product |
| Component name | XA2A |
| Bezel material | Plastic |
| Fixing collar material | Plastic |
| Mounting diameter | 22.5 Mm |

## Complementary

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| Sale per indivisible quantity | 1 |
| Fixing center | >= 30 x 40 mm (panel) - thickness: 1…5 mm |
| Fixing mode | Fixing nut: 2…2.4 N.m |
| Return | Right to left |
| Shape of signaling unit head | Round |
| Operator profile | Black standard handle (white) |
| Operator position information | 2 positions 90° |
| Contacts type and composition | 1 NO |
| Contact operation | Slow-break |
| Mechanical durability | 300000 Cycles |
| Connections - terminals | Screw clamp terminal, clamping capacity: <= 2 x 1.5 mm²<br>Screw clamp terminal, clamping capacity: <= 1 x 2.5 mm²<br>Screw clamp terminal, clamping capacity: >= 1 x 0.5 mm²<br>Faston terminals, connection size: 6.3 mm |
| Tightening torque | 0.8…1.2 N.M |
| Short-circuit protection | 10 A fuse type gL conforming to IEC 60269-1 |
| [Ith] conventional free air thermal current | 10 A (screw-clamp terminals) |
| [Ui] rated insulation voltage | 600 V conforming to IEC 60947-1 |
| [Uimp] rated impulse withstand voltage | 6 KV conforming to IEC 60947-1 |
| [Ie] rated operational current | 3 A at 240 V, AC-15, A600<br>0.27 A at 250 V, DC-13, Q600 |
| Electrical durability | 500000 Cycles, AC-15, 3 A at 230 V, operating rate <60 cyc/mn, load factor: 0.5 conforming to<br>500000 Cycles, DC-13, 0.2 A at 110 V, operating rate <60 cyc/mn, load factor: 0.5 conforming |
| Electrical reliability | Λ < 10exp(-8) at 24 V and 5 mA conforming to IEC 60947-5-4 |
| Width | 30.0 Mm |
| Height | 43.0 Mm |
| Depth | 70.0 Mm |

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| Net weight | 0.04 Kg |
| Type of operator | Spring return |
| Head type | Standard |
| Cap/operator or lens colour | Black |

## Environment

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| Protective treatment | TC |
| Ambient air temperature for storage | -40…70 °C |
| Ambient air temperature for operation | -25…55 °C |
| Overvoltage category | Class I conforming to IEC 536 |
| IP degree of protection | IP65 conforming to IEC 60529 |
| IK degree of protection | IK06 conforming to IEC 60529 |
| Standards | GB 14048.1<br>IEC 60947-1<br>GB 14048.5<br>IEC 60947-5-1 |
| Product certifications | CCC[RETURN]CE[RETURN]UKCA |
| Vibration resistance | 5 gn (f= 2…500 Hz) conforming to IEC 60068-2-6 |
| Shock resistance | 50 gn (duration = 11 ms) for half sine wave acceleration conforming to IEC 60068-2-27<br>30 gn (duration = 18 ms) for half sine wave acceleration conforming to IEC 60068-2-27 |

## Packing Units

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|---|---|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 7 Cm |
| Package 1 Width | 3 Cm |
| Package 1 Length | 4.3 Cm |
| Package 1 Weight | 40 G |
| Unit Type of Package 2 | BB1 |
| Number of Units in Package 2 | 5 |
| Package 2 Height | 3 Cm |
| Package 2 Width | 12 Cm |
| Package 2 Length | 60 Cm |
| Package 2 Weight | 205 G |
| Unit Type of Package 3 | S02 |
| Number of Units in Package 3 | 100 |
| Package 3 Height | 15 Cm |
| Package 3 Width | 30 Cm |
| Package 3 Length | 40 Cm |
| Package 3 Weight | 4.55 Kg |

## Offer Sustainability

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|---|---|
| Recyclability potential, in % | 26 |
| Total lifecycle Carbon footprint | 0.5 kg CO2 eq. |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.2982161990991379 |
| Carbon footprint of the manufacturing phase [A1 to A3] | 0.3 kg CO2 eq. |
| Carbon footprint of the distribution phase [A4] | 0.005914159416229448 |
| Carbon footprint of the distribution phase [A4] | 0 kg CO2 eq. |
| Carbon footprint of the installation phase [A5] | 0 |
| Carbon footprint of the installation phase [A5] | 0 kg CO2 eq. |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0.0846495927384843 |
| REACh free of SVHC | Yes |
| Carbon footprint of the use phase [B2, B3, B4, B6] | 0.1 kg CO2 eq. |
| Toxic heavy metal free | Yes |
| Mercury free | Yes |
| Sustainable packaging | Yes |

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|---|---|
| Carbon footprint of the end-of-life phase [C1 to C4] | 0.09319044420528548 |
| 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 | 1 |
| Packaging made with recycled cardboard | Yes |
| Packaging without single use plastic | Yes |
| REACh Regulation | Free of Substances of Very High Concern above the threshold |
| EU RoHS Directive | Compliant |
| 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 a |

## Contractual warranty

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| Warranty (in months) | 18 |

Product Life Status : Commercialised