Product data sheet Characteristics

9001SK1L1RH6 PUSHBUTTON 600VAC 10AMP 30MM SK +OPTIONS

Product availability: Non-Stock - Not normally stocked in distribution facility



Main	
Range of product	Harmony 9001SK
Product or component type	Illuminated push-button
Device short name	9001SK
Type of operator	Spring return
Operator profile	Red flush
Operator additional information	Full guard in plastic
Light block supply	Via integral transformer

Complementary

Light source Incandescent	Complementary		
Light source Incandescent Bulb base BA 9s [Us] rated supply voltage 110120 V AC 50/60 Hz Contacts type and composition 1 NC Connections - terminals Screw clamp terminals (1 x 0.222 x 1.5 mm²) conforming to EN/IEC 60947-1 Tightening torque 7.08 lbf.in (0.8 N.m) conforming to EN/IEC 60947-1 Shape of screw head Cross slotted Mechanical durability 5000000 cycles Operating position Any position [le] rated operational current 3 A at 240 V (AC-15) A600-Q600 conforming to NEMA [Uiii prated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 Contacts material Silver alloy contacts Contact operation Standard Short-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A = 0.1 k A at 240 V (DC-13) 7200 VA = 12 kA at 600 V (AC-15) 7200 VA = 30 kA at 120 V (AC-15) 7200 VA = 60 kA at 1250 V (DC-13) = 0.27 k A at 250 V (DC-13) = 0.	Bezel material	Plastic	
Bulb base BA 9s [US] rated supply voltage 110120 V AC 50/60 Hz Contacts type and composition 1 NC Connections - terminals Screw clamp terminals (1 x 0.222 x 1.5 mm²) conforming to EN/IEC 60947-1 Tightening torque 7.08 lbf.in (0.8 N.m) conforming to EN/IEC 60947-1 Shape of screw head Cross slotted Mechanical durability 5000000 cycles Operating position Any position [le] rated operational current 3 A at 240 V (AC-15) A600-Q600 conforming to NEMA [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 [Uimp] rated impulse withstand voltage 2.5 kV conforming to EN/IEC 60947-1 Contacts material Silver alloy contacts Contact operation Standard Short-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A [Icm] rated short-circuit making capacity <= 0.1 kA at 240 V (DC-13) 7200 VA 15 kA at 480 V (AC-15) 7200 VA 30 kA at 125 V (DC-13) 7200 VA 60 kA at 125 V (DC-13) 7200 VA 60 kA at 250 V (DC-13) 7200 VA 60 kA at 250 V (DC-13) 7200 VA 10 kA at 480 V (AC-15) 720 VA 10 kA at 120 V (AC-15) 720 VA 10	Mounting diameter	1.18 in (30 mm)	
Usil rated supply voltage	Light source	Incandescent	
Contacts type and composition I NC Connections - terminals Screw clamp terminals (1 x 0.222 x 1.5 mm²) conforming to EN/IEC 60947-1 Tightening torque 7.08 lbf.in (0.8 N.m) conforming to EN/IEC 60947-1 Shape of screw head Cross slotted Mechanical durability 5000000 cycles Operating position Any position [le] rated operational current [Uij rated insulation voltage [Uij rated insulation voltage 250 V (degree of pollution: 3) conforming to NEMA [Uimpl rated impulse withstand voltage 2.5 kV conforming to EN/IEC 60947-1 Contacts material Silver alloy contacts Contact operation Standard Short-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A (= 0.1 kA at 240 V (DC-13) 7200 VA (= 15 kA at 600 V (AC-15) 7200 VA (= 30 kA at 125 V (DC-13) 7200 VA (= 30 kA at 120 V (AC-15) 7200 VA (= 60 kA at 120 V (AC-15) 7200 VA (= 60 kA at 120 V (AC-15) 7200 VA (= 60 kA at 120 V (AC-15) 7200 VA (= 0.1 kA at 240 V (DC-13) (= 0.27 kA at 250 V (DC-13) (= 0.27 kA at 25	Bulb base	BA 9s	
Connections - terminals Screw clamp terminals (1 x 0.222 x 1.5 mm²) conforming to EN/IEC 60947-1 Tightening torque 7.08 lbf.in (0.8 N.m) conforming to EN/IEC 60947-1 Shape of screw head Cross slotted Mechanical durability 5000000 cycles Operating position Any position [le] rated operational current 3 A at 240 V (AC-15) A600-Q600 conforming to NEMA [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 [Ulimp] rated impulse withstand voltage 2.5 kV conforming to EN/IEC 60947-1 Contacts material Silver alloy contacts Contact operation Standard Short-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A [Icm] rated short-circuit making capacity 4 = 0.1 kA at 240 V (DC-13) 7200 VA 4 = 15 kA at 480 V (AC-15) 7200 VA 4 = 30 kA at 125 V (DC-13) 7200 VA 4 = 60 kA at 250 V (DC-13) 7200 VA 5 = 0.27 kA at 250 V (DC-13) 7200 VA 6 = 0.4 kA at 250 V (DC-13) 7200 VA 6 = 0.5 kA at 125 V (DC-13) 7200 VA 7 = 0.27 kA at 250 V (DC-13) 7200 VA 8 = 1.2 kA at 600 V (AC-15) 720 VA 8 = 1.2 kA at 600 V (AC-15) 720 VA 8 = 1.2 kA at 600 V (AC-15) 720 VA 8 = 1.2 kA at 600 V (AC-15) 720 VA 8 = 1.2 kA at 600 V (AC-15) 720 VA 8 = 1.2 kA at 600 V (AC-15) 720 VA 8 = 1.3 kA at 480 V (AC-15) 720 VA 8 = 1.3 kA at 400 V (AC-15) 720 VA 8 = 1.3 kA at 400 V (AC-15) 720 VA 8 = 1.3 kA at 400 V (AC-15) 720 VA 8 = 1.3 kA at 400 V (AC-15) 720 VA 8 = 1.3 kA at 400 V (AC-15) 720 VA 8 = 1.3 kA at 400 V (AC-15) 720 VA 8 = 1.3 kA at 400 V (AC-15) 720 VA 8 = 1.3 kA at 400 V (AC-15) 720 VA 8 = 6 kA at 120 V (AC-15) 720 VA 8 = 6 kA at 120 V (AC-15) 720 VA 8 = 6 kA at 120 V (AC-15) 720 VA	[Us] rated supply voltage	110120 V AC 50/60 Hz	
Tightening torque 7.08 lbf.in (0.8 N.m) conforming to EN/IEC 60947-1 Shape of screw head Cross slotted Mechanical durability 5000000 cycles Operating position Any position [le] rated operational current 3 A at 240 V (AC-15) A600-Q600 conforming to NEMA [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 [Uimpl rated impulse withstand voltage 2.5 kV conforming to EN/IEC 60947-1 Contacts material Silver alloy contacts Contact operation Standard Sont-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A [Icm] rated short-circuit making capacity = 0.1 kA at 240 V (DC-13) 7200 VA = 15 kA at 480 V (AC-15) 7200 VA = 30 kA at 125 V (DC-13) 7200 VA = 30 kA at 120 V (DC-13) 7200 VA = 60 kA at 120 V (DC-13) 7200 VA = 60 kA at 120 V (DC-13) 7200 VA = 60 kA at 120 V (DC-13) = 0.27 kA at 250 V (DC-13) = 0.27 kA at 480 V (AC-15) 7200 VA = 1.5 kA at 480 V (AC-15) 720 VA	Contacts type and composition	1 NC	
Shape of screw head Cross slotted Mechanical durability 500000 cycles Operating position Any position [le] rated operational current 3 A at 240 V (AC-15) A600-Q600 conforming to NEMA [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 [Uimp] rated impulse withstand voltage 2.5 kV conforming to EN/IEC 60947-1 Contacts material Silver alloy contacts Contact operation Standard Short-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A [Icm] rated short-circuit making capacity 4 = 0.1 kA at 240 V (DC-13) 7200 VA 4 = 15 kA at 480 V (AC-15) 7200 VA 4 = 30 kA at 125 V (DC-13) 7200 VA 4 = 30 kA at 240 V (AC-15) 7200 VA 4 = 60 kA at 120 V (AC-15) 7200 VA 5 = 60 kA at 120 V (DC-13) 7200 VA 6 = 60 kA at 125 V (DC-13) 7200 VA 7 = 0.27 kA at 250 V (DC-13) 7200 VA 8 = 0.27 kA at 250 V (DC-13) 7200 VA 8 = 0.55 kA at 125 V (DC-13) 8 = 0.25 kA at 125 V (DC-13) 8 = 1.2 kA at 600 V (AC-15) 720 VA 8 = 1.5 kA at 480 V (AC-15) 720 VA 8 = 1.5 kA at 480 V (AC-15) 720 VA 8 = 1.5 kA at 480 V (AC-15) 720 VA 8 = 1.5 kA at 480 V (AC-15) 720 VA 8 = 1.5 kA at 480 V (AC-15) 720 VA 8 = 1.5 kA at 480 V (AC-15) 720 VA 8 = 1.5 kA at 120 V (AC-15) 720 VA 9 = 1.5 kA at 120 V (AC-15) 720 VA 10	Connections - terminals	Screw clamp terminals (1 x 0.222 x 1.5 mm²) conforming to EN/IEC 60947-1	
Mechanical durability 5000000 cycles Operating position Any position [le] rated operational current 3 A at 240 V (AC-15) A600-Q600 conforming to NEMA [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 [Uimp] rated impulse withstand voltage 2.5 kV conforming to EN/IEC 60947-1 Contacts material Silver alloy contacts Contact operation Standard Short-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A [Icm] rated short-circuit making capacity <= 0.1 kA at 240 V (DC-13) 7200 VA	Tightening torque	7.08 lbf.in (0.8 N.m) conforming to EN/IEC 60947-1	
Any position	Shape of screw head	Cross slotted	
[le] rated operational current 3 A at 240 V (AC-15) A600-Q600 conforming to NEMA [Ui] rated insulation voltage 250 V (degree of pollution: 3) conforming to EN/IEC 60947-1 [Uimp] rated impulse withstand voltage 2.5 kV conforming to EN/IEC 60947-1 Contacts material Silver alloy contacts Contact operation Standard Short-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A = 0.1 kA at 240 V (DC-13) 7200 VA = 12 kA at 600 V (AC-15) 7200 VA = 15 kA at 480 V (AC-15) 7200 VA = 30 kA at 125 V (DC-13) 7200 VA = 30 kA at 125 V (DC-13) 7200 VA = 60 kA at 120 V (AC-15) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 60 kA at 250 V (DC-13) 720 VA = 60 kA at 250 V (DC-13) 720 VA = 60 kA at 250 V (DC-13) 720 VA = 1.5 kA at 480 V (AC-15) 720 VA = 1.5 kA at 480 V (AC-15) 720 VA = 1.5 kA at 480 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA	Mechanical durability	5000000 cycles	
[Uir] rated insulation voltage	Operating position	Any position	
Contacts material Silver alloy contacts	[le] rated operational current	3 A at 240 V (AC-15) A600-Q600 conforming to NEMA	
Silver alloy contacts	[Ui] rated insulation voltage	250 V (degree of pollution: 3) conforming to EN/IEC 60947-1	
Standard	[Uimp] rated impulse withstand voltage	2.5 kV conforming to EN/IEC 60947-1	
Short-circuit protection 10 A cartridge fuse conforming to EN/IEC 60947-5-1 [Ith] conventional free air thermal current 10 A = 0.1 kA at 240 V (DC-13) 7200 VA = 12 kA at 600 V (AC-15) 7200 VA = 15 kA at 480 V (AC-15) 7200 VA = 30 kA at 125 V (DC-13) 7200 VA = 30 kA at 120 V (AC-15) 7200 VA = 60 kA at 120 V (AC-15) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 1.5 kA at 480 V (AC-15) 720 VA = 1.5 kA at 480 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 1.5 kA at 480 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA	Contacts material	Silver alloy contacts	
[Ith] conventional free air thermal current 10 A [Icm] rated short-circuit making capacity <= 0.1 kA at 240 V (DC-13) 7200 VA <= 12 kA at 600 V (AC-15) 7200 VA <= 15 kA at 480 V (AC-15) 7200 VA <= 30 kA at 125 V (DC-13) 7200 VA <= 30 kA at 240 V (AC-15) 7200 VA <= 60 kA at 120 V (AC-15) 7200 VA <= 60 kA at 120 V (DC-13) 7200 VA <= 60 kA at 250 V (DC-13) 7200 VA <= 60 kA at 250 V (DC-13) 7200 VA <= 60 kA at 250 V (DC-13) 7200 VA <= 1.2 kA at 250 V (DC-13) <= 0.27 kA at 250 V (DC-13) <= 0.55 kA at 125 V (DC-13) <= 1.2 kA at 600 V (AC-15) 720 VA <= 1.5 kA at 480 V (AC-15) 720 VA <= 1.5 kA at 480 V (AC-15) 720 VA <= 3 kA at 240 V (AC-15) 720 VA <= 3 kA at 240 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA	Contact operation	Standard	
[Icm] rated short-circuit making capacity <= 0.1 kA at 240 V (DC-13) 7200 VA <= 12 kA at 600 V (AC-15) 7200 VA <= 15 kA at 480 V (DC-13) 7200 VA <= 30 kA at 125 V (DC-13) 7200 VA <= 30 kA at 240 V (AC-15) 7200 VA <= 60 kA at 120 V (AC-15) 7200 VA <= 60 kA at 250 V (DC-13) 7200 VA <= 60 kA at 250 V (DC-13) 7200 VA <= 0.1 kA at 240 V (DC-13) 7200 VA <= 0.27 kA at 250 V (DC-13) <= 0.27 kA at 250 V (DC-13) <= 0.55 kA at 125 V (DC-13) <= 0.55 kA at 125 V (DC-13) <= 1.2 kA at 600 V (AC-15) 720 VA <= 1.5 kA at 480 V (AC-15) 720 VA <= 3 kA at 240 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA <= 6 kA at 120	Short-circuit protection	10 A cartridge fuse conforming to EN/IEC 60947-5-1	
= 12 kA at 600 V (AC-15) 7200 VA = 15 kA at 480 V (AC-15) 7200 VA = 30 kA at 125 V (DC-13) 7200 VA = 30 kA at 240 V (AC-15) 7200 VA = 60 kA at 120 V (AC-15) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 60 kA at 250 V (DC-13) 7200 VA = 0.27 kA at 250 V (DC-13) = 0.27 kA at 250 V (DC-13) = 0.55 kA at 125 V (DC-13) = 1.2 kA at 600 V (AC-15) 720 VA = 1.5 kA at 480 V (AC-15) 720 VA = 3 kA at 240 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA = 6 kA at 120 V (AC-15) 720 VA Product weight 0.4 lb(US) (0.181 kg)	[Ith] conventional free air thermal current	10 A	
<= 0.27 kA at 250 V (DC-13) <= 0.55 kA at 125 V (DC-13) <= 1.2 kA at 600 V (AC-15) 720 VA <= 1.5 kA at 480 V (AC-15) 720 VA <= 3 kA at 240 V (AC-15) 720 VA <= 6 kA at 120 V (AC-15) 720 VA Product weight 0.4 lb(US) (0.181 kg)	[lcm] rated short-circuit making capacity	<= 12 kA at 600 V (AC-15) 7200 VA <= 15 kA at 480 V (AC-15) 7200 VA <= 30 kA at 125 V (DC-13) 7200 VA <= 30 kA at 240 V (AC-15) 7200 VA <= 60 kA at 120 V (AC-15) 7200 VA	
· // 0/	Rated breaking capacity	<= 0.27 kA at 250 V (DC-13) <= 0.55 kA at 125 V (DC-13) <= 1.2 kA at 600 V (AC-15) 720 VA <= 1.5 kA at 480 V (AC-15) 720 VA <= 3 kA at 240 V (AC-15) 720 VA	
Device presentation Complete product	Product weight	0.4 lb(US) (0.181 kg)	
	Device presentation	Complete product	

Environment

Standards	EN/IEC 60947-1 EN/IEC 60947-5-1 EN/IEC 60947-5-4 JIS C 4520 JIS C 852 UL 508 CSA C22.2 No 14
Product certifications	NEMA UL 508
Protective treatment	TC
Ambient air temperature for storage	-40158 °F (-4070 °C)
Ambient air temperature for operation	-13158 °F (-2570 °C)
Vibration resistance	7 gn (f = 2500 Hz) conforming to IEC 60068-2-6
Shock resistance	50 gn conforming to IEC 60068-2-27
Electrical shock protection class	Class II conforming to IEC 61140
IP degree of protection	IP66 conforming to IEC 60529
NEMA degree of protection	NEMA 1 NEMA 12 NEMA 13 NEMA 2 NEMA 3 NEMA 3 NEMA 3R NEMA 4 NEMA 4X

Ordering and shipping details

area mile and a mile mile area.		
Category	21429 - 9001 SK,SKY	
Discount Schedule	CS1	
GTIN	00785901548287	
Nbr. of units in pkg.	1	
Package weight(Lbs)	0.4000000000000002	
Returnability	N	
Country of origin	MX	

Offer Sustainability

California proposition 65	WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm.	
Substance 1		
More information	For more information go to www.p65warnings.ca.gov	

Contractual warranty

144 4 1 1	10 11	
Warranty period	18 months	
vvarianty period	10 1110111110	

Mouser Electronics

Authorized Distributor

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