Product data sheet
Characteristics

CA2SK20F7
Control relay, TeSys SK, 2NO, <= 690V, 110V AC coil



Main

Range	TeSys
Product name	TeSys CASK
Product or component type	Control relay
Device short name	CA2SK
Contactor application	Control circuit
Utilisation category	AC-15 DC-13
Pole contact composition	2 NO
[Ue] rated operational voltage	<= 690 V <= 400 Hz
Control circuit type	AC at 50/60 Hz
[Uc] control circuit voltage	110 V AC 50/60 Hz

Complementary

[Ith] conventional free air thermal current	10 A (at 55 °C)
Associated fuse rating	10 A gL conforming to VDE 0660 10 A gL conforming to IEC 60947
[Ui] rated insulation voltage	690 V conforming to IEC 60947 690 V conforming to VDE 0110 group C 690 V conforming to BS 5424 690 V conforming to UL 508 690 V conforming to CSA C22.2 No 14
Mounting support	Rail Plate
Connections - terminals	Screw clamp terminals 1 cable(s) 1.5…6 mm²solid Screw clamp terminals 2 cable(s) 1.5…4 mm²solid Screw clamp terminals 1 cable(s) 0.5…6 mm²flexible without cable end Screw clamp terminals 1 cable(s) 0.35…6 mm²flexible with cable end Screw clamp terminals 2 cable(s) 0.35…1.5 mm²flexible with cable end Screw clamp terminals 2 cable(s) 0.35…2.5 mm²flexible without cable end
Tightening torque	0.8 N.M - on screw clamp terminals pozidriv No 1 screw head
Control circuit voltage limits	Drop-out: 0.2...0.75 Uc (at <50 °C) Operational: 0.85...1.1 Uc (at <50 °C)
Operating time	6...8 ms coil de-energisation and NO opening 7...14 ms coil energisation and NO closing
Mechanical durability	10 Mcycles
Maximum operating rate	1200 Cyc/H
Inrush power in VA	16 VA (at 20 °C)
Hold-in power consumption in VA	4.2 VA (at 20 °C)
Heat dissipation	1.4 W
Height	56 Mm
Width	27 Mm

Depth	55.5 Mm
Net weight	0.132 Kg

Environment

Standards	EN/IEC 60947-5-1 UL 60947-5-1 CSA C22.2 No 60947-5-1
Product certifications	CB Scheme[RETURN]cULus[RETURN]EAC[RETURN]CE[RETURN]UKCA
IP degree of protection	IP2X
Protective treatment	TC conforming to IEC 60068
Ambient air temperature for operation	-20…50 °C
Ambient air temperature for storage	-50…70 °C
Operating altitude	2000 m without derating

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.300 Cm
Package 1 Width	6.700 Cm
Package 1 Length	5.900 Cm
Package 1 Weight	121.000 G
Unit Type of Package 2	S01
Number of Units in Package 2	40
Package 2 Height	15.000 Cm
Package 2 Width	15.000 Cm
Package 2 Length	40.000 Cm
Package 2 Weight	4.900 Kg

Offer Sustainability

Recyclability potential, in %	63
Total lifecycle Carbon footprint	58 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	0.6213248859540139
Carbon footprint of the manufacturing phase [A1 to A3]	0.6 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.23979943744781793
Carbon footprint of the distribution phase [A4]	0.2 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0.016485215458911535
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	56.65241524409139
Carbon footprint of the use phase [B2, B3, B4, B6]	57 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	Yes
Carbon footprint of the end-of-life phase [C1 to C4]	0.1741398844597613
Carbon footprint of the end-of-life phase [C1 to C4]	0.2 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	58
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	Yes
SCIP Number	Bf876e8d-5be9-45ba-9d97-ac1c3aec5384
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, which is known to the State
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