

CA3SK20BD

TeSys SK control relay - 2 NO - ≤ 690 V - 24 V DC standard coil



Main

Range	TeSys
Product name	TeSys CASK
Product or component type	Control relay
Device short name	CA3SK
Contactor application	Control circuit
Utilisation category	DC-13 AC-15
Pole contact composition	2 NO
[Ue] rated operational voltage	≤ 690 V ≤ 400 Hz
Control circuit type	DC standard
[Uc] control circuit voltage	24 V DC

Complementary

[Ith] conventional free air thermal current	10 A 131 °F (55 °C)
Associated fuse rating	10 A gL VDE 0660 10 A gL IEC 60947
[Ui] rated insulation voltage	690 V IEC 60947 690 V VDE 0110 group C 690 V BS 5424 690 V UL 508 690 V CSA C22.2 No 14
Mounting support	Rail Plate
Connections - terminals	Screw clamp terminals 1 0.00...0.01 in ² (1.5...6 mm ²)solid Screw clamp terminals 2 0.00...0.01 in ² (1.5...4 mm ²)solid Screw clamp terminals 1 0.00...0.01 in ² (0.5...6 mm ²)flexible without cable end Screw clamp terminals 2 0.00...0.01 in ² (0.35...6 mm ²)flexible with cable end Screw clamp terminals 1 0.00...0.00 in ² (0.35...1.5 mm ²)flexible with cable end Screw clamp terminals 2 0.00...0.00 in ² (0.35...2.5 mm ²)flexible without cable end
Tightening torque	7.08 lbf.in (0.8 N.m) screw clamp terminals pozidriv No 1
Control circuit voltage limits	Operational 0.85...1.1 Uc 122 °F (50 °C)) Drop-out 0.1...0.75 Uc 122 °F (50 °C))
Operating time	4...6 ms coil de-energisation and NO opening 8...12 ms coil energisation and NO closing
Mechanical durability	10 Mcycles
Maximum operating rate	1200 cyc/h
Inrush power in W	2.2 W 68 °F (20 °C))
Hold-in power consumption in W	2.2 W 68 °F (20 °C)
Heat dissipation	2.2 W
Maximum Height	2.20 in (56 mm)
Maximum Width	1.06 in (27 mm)
Maximum Depth	2.19 in (55.5 mm)
Net Weight	0.29 lb(US) (0.132 kg)

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Environment

Standards	BS 5424 NF C 63-110 VDE 0660 IEC 60947
Product certifications	CULus
IP degree of protection	IP2x
Protective treatment	TC IEC 60068
Ambient air temperature for operation	-4...122 °F (-20...50 °C)
Ambient air temperature for storage	-58...158 °F (-50...70 °C)
Operating altitude	6561.68 ft (2000 m) without derating

Ordering and shipping details

Category	22371 - RELAYS, CONTROL
Discount Schedule	I12
GTIN	00785901866756
Nbr. of units in pkg.	1
Package weight(Lbs)	0.28 lb(US) (0.13 kg)
Returnability	Yes
Country of origin	CZ

Packing Units

Unit Type of Package 1	PCE
Package 1 Height	1.30 in (3.3 cm)
Package 1 width	2.36 in (6 cm)
Package 1 Length	2.60 in (6.6 cm)

Offer Sustainability

REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS Declaration
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Contractual warranty

Warranty	18 months
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