



Commercial status

End of Commercialisation : JAN 01, 2008

⚠ End of Commercialisation

Main

Range	TeSys
Product name	TeSys CASK
Product or component type	Control relay
Device short name	CA3SK
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	DC standard
[Uc] control circuit voltage	48 V DC

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	Plate Rail
Connections - terminals	Screw clamp terminals 1 cable(s) 1.5...6 mm ² solid Screw clamp terminals 2 cable(s) 1.5...4 mm ² solid Screw clamp terminals 1 cable(s) 0.5...6 mm ² flexible without cable end Screw clamp terminals 1 cable(s) 0.35...6 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 0.35...1.5 mm ² flexible with cable end Screw clamp terminals 2 cable(s) 0.35...2.5 mm ² flexible without cable end
Tightening torque	0.8 N.M - on screw clamp terminals pozidriv No 1 screw head
Control circuit voltage limits	Operational: 0.85...1.1 Uc (at <50 °C) Drop-out: 0.1...0.75 Uc (at <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 (at 20 °C)
Hold-in power consumption in W	2.2 W at 20 °C
Heat dissipation	2.2 W
Height	56 Mm

Width	27 Mm
Depth	55.5 Mm
Net weight	0.132 Kg

Environment

Standards	NF C 63-110 IEC 60947 VDE 0660 BS 5424
Product certifications	CULus
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 Weight	132.0 G
Package 1 Height	6.7 Cm
Package 1 width	5.9 Cm
Package 1 Length	3.3 Cm

Offer Sustainability

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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Product Life Status : **End of commerc. - Block**

CA3SK20ED may be replaced by any of the following products:



CA3SK11BD

TeSys SK control relay - 1 NO + 1 NC - ≤ 690 V - 24 V DC standard coil

Qty 1

Substitution date: | Partial substitution, CA3SK11BD is for 24V control voltage, please check compatibility



CA3KN22ED

control relay, TeSys K, 4P(2NO+2NC), 690V, 48V DC standard coil

Qty 1

Substitution date: | Partial substitution, CA3KN22ED has dimensional differences, please check compatibility