



Main

Range	TeSys
Product name	TeSys B
Product or component type	Contactor
Device short name	CV1BG
Contactor application	Resistive circuits, heating, lighting Motor
Utilisation category	AC-3 AC-1
Control circuit type	AC
Poles description	3P
Pole contact composition	3 NO
[Ie] rated operational current	200 A AC AC-1 for power circuit 170 A AC AC-3
Motor power kW	90 kW at 400 V AC AC-3
Current rating code of contactor	BG
[Uc] control circuit voltage	220 V AC 50 Hz

Complementary

Control circuit voltage limits	0.85...1.1 Uc at (≤ 55 °C) operational 0.1...0.65 Uc at (≤ 55 °C) drop-out
[Ui] rated insulation voltage	690 V - conforming to IEC 60947-4
Connections - terminals	Power circuit : bolted connection
[Ue] rated operational voltage	690 V AC
[Ith] conventional free air thermal current	200 A at ≤ 40 °C for power circuit
Mechanical durability	5000000 cycles
Operating rate	≤ 120 cyc/mn at ≤ 55 °C
Compatibility code	CV1BG

Environment

Standards	IEC 60947-4 EN 60947-4
Product certifications	CEI

CSA
Bureau Veritas

IP degree of protection	IP00 conforming to IEC 60529
Ambient air temperature for operation	-5...55 °C
Ambient air temperature for storage	-60...80 °C
Operating altitude	2000 m
Shock resistance	4 gn for frequencies <= 30 Hz 2 gn for frequencies > 30 Hz
Vibration resistance	4 gn for frequencies <= 30 Hz 2 gn for frequencies > 30 Hz

Offer Sustainability

RoHS (date code: YYWW)	Will not be compliant Will not be compliant
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