



Main

Range	TeSys
Product name	TeSys B
Product or component type	Contactor
Device short name	CV1BG
Contactor application	Motor Resistive circuits, heating, lighting
Utilisation category	AC-3 AC-1
Control circuit type	DC
Poles description	2P
Pole contact composition	2 NO
[Ie] rated operational current	200 A AC for power circuit
Current rating code of contactor	BG
[Uc] control circuit voltage	220 V DC

Complementary

Control circuit voltage limits	0.85...1.1 U _c at (<= 55 °C) operational 0.1...0.65 U _c at (<= 55 °C) drop-out
[Ui] rated insulation voltage	690 V - conforming to IEC 60947-4
Connections - terminals	Control circuit : cable with lug Control circuit : cable connector
[Ue] rated operational voltage	690 V AC
[I _{th}] 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	CSA CEI

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 \leq 30 Hz 2 gn for frequencies $>$ 30 Hz
Vibration resistance	4 gn for frequencies \leq 30 Hz 2 gn for frequencies $>$ 30 Hz