



# CITEL

## BM CMS

**1° Géométrie: suivant plan**

SCOE.01.0008

**Geometry: See drawing**

**2° Caractéristiques initiales**

**Primary Technical Properties: (before test)**

Tension et limites: Tension and limits:		90V/20	150V/20	230V/15	350V/20	420V/20
Tension statique: E-M 100V/s		72V-108V	120V-180V	195V-265V	280V-420V	336V-504V
DC Spark over Voltage: E-E		100/200	200/400	300/500	500/750	600/900
Tension dynamique: E-M		≤700V	≤700V	≤800V	≤1100V	≤1200V
Impulse Spark over Voltage: 1kV/μs		≤700V	≤700V	≤800V	≤1100V	≤1200V
Résistance isolement: ≤90V ≥90V		≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ
Insulation Resistance: 50V DC 100V DC		≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ
Capacité: E-M 1MHz		≤0.5pF	≤0.5pF	≤0.5pF	≤0.5pF	≤0.5pF
Capacitance: E-E		≤0.2pF	≤0.2pF	≤0.2pF	≤0.2pF	≤0.2pF
Tension d extinction: RC//:150Ω-100nF;RS=330Ω		≥60V	≥80V	≥80V	≥80V	≥80V
Holdover Voltage: U(I)600V DC;1.5A;50cycle;E-M		≥60V	≥80V	≥80V	≥80V	≥80V
Tension de lueur: Glow Voltage:		≤100V	≤100V	≤100V	≤100V	≤100V
Courant de transition lueur/arc: Glow to arc transition current:		0.5A	0.5A	0.5A	0.5A	0.5A
Tension d arc: Arc Voltage:		≤25V	≤25V	≤25V	≤25V	≤25V



**3° Pouvoir d écoulement: (après tests)**

**Power-flow Properties: (after life test)**

Tension statique: E-M 100V/s		72V-108V	120V-180V	195V-265V	280V-420V	336V-504V
DC Spark over Voltage: E-E		100/200	200/400	300/500	500/750	600/900
Tension dynamique:		≤700V	≤700V	≤800V	≤1100V	≤1200V
Impulse Spark over Voltage:		≤700V	≤700V	≤800V	≤1100V	≤1200V
Résistance isolement:		≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
Insulation Resistance:		≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
Décharge Alternative 50/60Hz,600V E-M		5A	5A	5A	5A	5A
AC discharge current: 5times,1s interval 3min E1/E2-M		10A	10A	10A	10A	10A
Décharge Impulsionnelle 8/20μs,+5/-5 E-M		5kA	5kA	5kA	5kA	5kA
Impulse discharge current: interval 3min E1/E2-M		10kA	10kA	10kA	10kA	10kA
Décharge Impulsionnelle 8/20μs		25kA	25kA	25kA	25kA	25kA
Impulse discharge current: 1times		25kA	25kA	25kA	25kA	25kA
Décharge Impulsionnelle 10/1000μs		50A	50A	50A	50A	50A
Impulse life: 300times,interval 2min		50A	50A	50A	50A	50A

**4° Code:**

**Part number:**

	9297101	9297102	9297107	9297115	9297118
QVGQ2.E184939	YES	YES	YES	YES	YES
					
REG.-Nr.40008209					

1. Surface Mount Properties (NFC 20-758) Infiltration 235°C-5s; Wielding/Soldering Hear Resistance: 260°C-10s

2. This product is 2002/95/EC directive(ROHS);all test are ITU-T K.12 compliant.

Date	Code N°
12/11/2007	92 971 XX XX