

1° Géométrie: suivant plan

SCOE.01.0010

Geometry: See drawing

2° Caractéristiques initiales

Primary Technical Properties: (before test)

Tension et limites: Tension and limits:		90V/20	150V/20	200V/20	230V/10	230V/15
Tension statique: DC Spark over Voltage:	E-M 100V/s E-E	72V-108V 100/200	120V-180V 200/400	160V-240V 300/500	207V-253V 320/460	195V-265V 300/500
Tension dynamique: Impulse Spark over Voltage:	E-M 1kV/μs	≤700V	≤700V	≤800V	≤800V	≤800V
Résistance isolement: Insulation Resistance:	≤90V ≥90V 50V DC 100V DC	≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ
Capacité: Capacitance:	E-M 1MHz E-E	≤0.9pF ≤0.5pF	≤0.9pF ≤0.5pF	≤0.9pF ≤0.5pF	≤0.9pF ≤0.5pF	≤0.9pF ≤0.5pF
Tension d extinction: Holdover Voltage:	RC//:150Ω-100nF;RS=330Ω U(I)600V DC;1.5A;50cycle;E-M	≥70V	≥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: DC Spark over Voltage:	E-M 100V/s E-E	72V-108V 100/200	120V-180V 200/400	160V-240V 300/500	207V-253V 320/460	195V-265V 300/500
Tension dynamique: Impulse Spark over Voltage:		≤700V	≤700V	≤800V	≤800V	≤800V
Résistance isolement: Insulation Resistance:		≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
Décharge Alternative AC discharge current:	50/60Hz,600V E-M 5times,1s interval 3min E1/E2-M	10A 20A	10A 20A	10A 20A	10A 20A	10A 20A
Décharge Impulsionnelle Impulse discharge current:	8/20μs,+5/-5 E-M interval 3min E1/E2-M	10kA 20kA	10kA 20kA	10kA 20kA	10kA 20kA	10kA 20kA
Décharge Impulsionnelle Impulse discharge current:	8/20μs 1times	25kA	25kA	25kA	25kA	25kA
Décharge Impulsionnelle Impulse life:	10/1000μs 300times,interval 2min	100A	100A	100A	100A	100A

4° Code:

Part number:

	9293001	9293002	9293005	9293062	9293007
QVGQ2.E184939	YES	YES	YES	YES	YES
	YES			YES	YES
REG.-Nr.40008209					

1. solderability: see CEI 68-2-20

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

Date	Code N°
12/11/2007	92 930 XX XX

1 Géométrie: suivant plan

SCOE.01.0010

Geometry: See drawing

2 Caractéristiques initiales

Primary Technical Properties: (before test)

		230V/20	250V/12	250V/20	260V/20	350V/15
Tension et limites:						
Tension and limits:						
Tension statique:	E-M 100V/s	184V-276V	220V-280V	200V-300V	208V-312V	298V-402V
DC Spark over Voltage:	E-E	300/500	400/600	400/600	400/600	500/700
Tension dynamique:	E-M					
Impulse Spark over Voltage:	1kV/μs	≤800V	≤900V	≤900V	≤900V	≤900V
Résistance isolement:	≤90V ≥90V	≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ
Insulation Resistance:	50V DC 100V DC					
Capacité:	E-M 1MHz	≤0.9pF	≤0.9pF	≤0.9pF	≤0.9pF	≤0.9pF
Capacitance:	E-E	≤0.5pF	≤0.5pF	≤0.5pF	≤0.5pF	≤0.5pF
Tension d extinction:	RC//:150Ω-100nF;RS=330Ω					
Holdover Voltage:	U(I)600V DC;1.5A;50cycle;E-M	≥80V	≥80V	≥80V	≥80V	≥80V
Tension de lueur:		≤100V	≤100V	≤100V	≤100V	≤100V
Glow Voltage:						
Courant de transition lueur/arc		0.5A	0.5A	0.5A	0.5A	0.5A
Glow to arc transition current:						
Tension d arc		≤25V	≤25V	≤25V	≤25V	≤25V
Arc Voltage:						



3 Pouvoir d écoulement: (après tests)

Power-flow Properties: (after life test)

Tension statique:	E-M 100V/s	184V-276V	220V-280V	200V-300V	208V-312V	298V-402V
DC Spark over Voltage:	E-E	300/500	400/600	400/600	400/600	500/700
Tension dynamique:		≤800V	≤900V	≤900V	≤900V	≤900V
Impulse Spark over Voltage:						
Résistance isolement:		≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
Insulation Resistance:						
Décharge Alternative	50/60Hz,600V E-M	10A	10A	10A	10A	10A
AC discharge current:	5times,1s interval 3min E1/E2-M	20A	20A	20A	20A	20A
Décharge Impulsionnelle	8/20μs,+5/-5 E-M	10kA	10kA	10kA	10kA	10kA
Impulse discharge current:	interval 3min E1/E2-M	20kA	20kA	20kA	20kA	20kA
Décharge Impulsionnelle	8/20μs	25kA	25kA	25kA	25kA	25kA
Impulse discharge current:	1times					
Décharge Impulsionnelle	10/1000μs	100A	100A	100A	100A	100A
Impulse life:	300times,interval 2min					

4 Code:

Part number:

	YES	YES	YES	YES	YES
QVGQ2.E184939					
	YES				YES
REG.-Nr.40008209					

1. solderability: see CEI 68-2-20

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

Date	Code N°
12/11/2007	92 930 XX XX

1 Géométrie: suivant plan

SCOE.01.0010

Geometry: See drawing

2 Caractéristiques initiales

Primary Technical Properties: (before test)

Tension et limites: Tension and limits:		350V/20	400V/20	450V/20	470V/20	500V/20
Tension statique: DC Spark over Voltage:	E-M 100V/s E-E	280V-420V 500/700	320V-480V 600/1000	360V-540V 800/1000	376V-564V 800/1000	400V-600V 800/1100
Tension dynamique: Impulse Spark over Voltage:	E-M 1kV/μs	≤900V	≤1000V	≤1100V	≤1100V	≤1200V
Résistance isolement: Insulation Resistance:	≤90V ≥90V 50V DC 100V DC	≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ	≥10GΩ
Capacité: Capacitance:	E-M 1MHz E-E	≤0.9pF ≤0.5pF	≤0.9pF ≤0.5pF	≤0.9pF ≤0.5pF	≤0.9pF ≤0.5pF	≤0.9pF ≤0.5pF
Tension d extinction: Holdover Voltage:	RC//:150Ω-100nF;RS=330Ω U(I)600V DC;1.5A;50cycle;E-M	≥80V	≥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: DC Spark over Voltage:	E-M 100V/s E-E	280V-420V 500/700	320V-480V 600/1000	360V-540V 800/1000	376V-564V 800/1000	400V-600V 800/1100
Tension dynamique: Impulse Spark over Voltage:		≤900V	≤1000V	≤1100V	≤1100V	≤1200V
Résistance isolement: Insulation Resistance:		≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ	≥1000MΩ
Décharge Alternative AC discharge current:	50/60Hz,600V 5times,1s interval 3min	E-M E1/E2-M	10A 20A	10A 20A	10A 20A	10A 20A
Décharge Impulsionnelle Impulse discharge current:	8/20μs,+5/-5 interval 3min	E-M E1/E2-M	10kA 20kA	10kA 20kA	10kA 20kA	10kA 20kA
Décharge Impulsionnelle Impulse discharge current:	8/20μs 1times		25kA	25kA	25kA	25kA
Décharge Impulsionnelle Impulse life:	10/1000μs 300times,interval 2min		100A	100A	100A	100A

4 Code:

Part number:

 QVGQ2.E184939	9293015	9293016	9293020	9293021	9293022
 REG.-Nr.40008209	YES	YES	YES	YES	YES
	YES			YES	

1. solderability: see CEI 68-2-20

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

Date	Code N°
12/11/2007	92 930 XX XX



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1° Géométrie: suivant plan

SCOE.01.0010

Geometry: See drawing

2° Caractéristiques initiales

Primary Technical Properties: (before test)

Tension et limites:		550V/15	600V/-15+20			
Tension and limits:						
Tension statique:	E-M 100V/s	468V-632V	510V-720V			
DC Spark over Voltage:	E-E	900/1200	850/1250			
Tension dynamique:	E-M	≤1200V	≤1200V			
Impulse Spark over Voltage:	1kV/μs					
Résistance isolement:	≤90V ≥90V	≥10GΩ	≥10GΩ			
Insulation Resistance:	50V DC 100V DC					
Capacité:	E-M 1MHz	≤0.9pF	≤0.9pF			
Capacitance:	E-E	≤0.5pF	≤0.5pF			
Tension d extinction:	RC//:150Ω-100nF;RS=330Ω	≥80V	≥80V			
Holdover Voltage:	U(I)600V DC;1.5A;50cycle;E-M					
Tension de lueur:		≤100V	≤100V			
Glow Voltage:						
Courant de transition lueur/arc		0.5A	0.5A			
Glow to arc transition current:						
Tension d arc		≤25V	≤25V			
Arc Voltage:						

3° Pouvoir d écoulement: (après tests)

Power-flow Properties: (after life test)

Tension statique:	E-M 100V/s	468V-632V	510V-720V			
DC Spark over Voltage:	E-E	900/1200	850/1250			
Tension dynamique:		≤1200V	≤1200V			
Impulse Spark over Voltage:						
Résistance isolement:		≥1000MΩ	≥1000MΩ			
Insulation Resistance:						
Décharge Alternative	50/60Hz,600V E-M	10A	10A			
AC discharge current:	5times,1s interval 3min E1/E2-M	20A	20A			
Décharge Impulsionnelle	8/20μs,+5/-5 E-M	10kA	10kA			
Impulse discharge current:	interval 3min E1/E2-M	20kA	20kA			
Décharge Impulsionnelle	8/20μs	25kA	25kA			
Impulse discharge current:	1times					
Décharge Impulsionnelle	10/1000μs	100A	100A			
Impulse life:	300times,interval 2min					

4° Code:

Part number:

		9293075	9293026			
QVGQ2.E184939						
		YES				
REG.-Nr.40008209						

1. solderability: see CEI 68-2-20

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

Date	Code N°
12/11/2007	92 930 XX XX