

|              |                      |               |                             |      |
|--------------|----------------------|---------------|-----------------------------|------|
| 10 ... 500 V | 100 ... 2 200 000 µF | Ø 36....90 mm | - 55°C + 85°C/56 jours/days | L.L. |
|--------------|----------------------|---------------|-----------------------------|------|

## Spécifications applicables

NFC 83 110 - Longue durée  
 DIN 41240 - Classe d'utilisation GPF  
 CECC 30 300  
 CEI 60 384.4 longue durée  
 Essai d'endurance normalisé à  $U_n$  : 5000 / h 85°C

## Utilisation

- Electronique de puissance : convertisseurs, onduleurs..  
 - Alimentations à découpage  
 - Bancs d'aimantation, soudeuses, flash  
 - Les tensions nominales 260 V, 305 V, 360 V, 410 V, 460 V sont destinées au stockage d'énergie avec fonctionnement en décharges instantanées répétitives. (radiologie, radar, laser...)

Fixations : Collier ou vis fond d'étui  
 Sorties : Bornes à vis M5 ou M6  
 Tolérance sur capacité à 20°C : - 20 + 20 %  
 Température de stockage : - 65°C + 105°C  
 Température d'utilisation : - 55°C + 95°C

## Tenue de la gaine isolante

Résistance d'isolement à 20°C entre bornes et fixation : 100 MΩ  
 Tension de tenue à 50 Hz 1 min. entre bornes et fixation : 2000 V  
 Résistance au feu : autoextinguible 15 s (CEI 60 695-2-2)

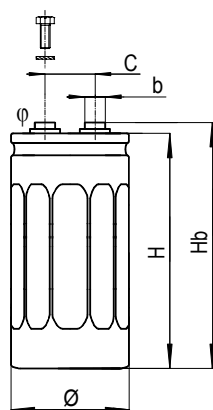
## BC

Boîtier aluminium isolé  
 Vis hexagonales

Rondelles éventail

## Forme BC

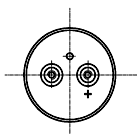
Collier de fixation à commander séparément



Insulated aluminium case  
 Hexagonal screws  
 Spring washers

## BC Style

Fixing clip must be ordered separately



Voir accessoires / See mounting

| Ø ±1 (mm) | H ±2 (mm) | Hb ±2 (mm) | C ±0,5 (mm) | φ  | b (mm) |
|-----------|-----------|------------|-------------|----|--------|
| 36        | 44        | 50         | 12,7        | M5 | 8      |
| 36        | 52        | 58         | 12,7        | M5 | 8      |
| 36        | 60        | 66         | 12,7        | M5 | 8      |
| 36        | 80        | 86         | 12,7        | M5 | 8      |
| 36        | 104       | 110        | 12,7        | M5 | 8      |
| 51        | 62        | 68         | 22,2        | M5 | 13     |
| 51        | 81        | 87         | 22,2        | M5 | 13     |
| 51        | 104       | 110        | 22,2        | M5 | 13     |
| 51        | 144       | 150        | 22,2        | M5 | 13     |

## Specifications

NFC 83 110 - long life  
 DIN 41 240 - Climatic category GPF  
 CECC 30 300  
 IEC 60 384.4 long life  
 Standard endurance test at  $U_R$  : 5000 h / 85°C

## Applications

- Power electronics : converters, current inverters  
 - Switch mode power supplies  
 - Magnetization, welding machines, flash  
 - Rated voltages 260 V, 305 V, 360 V, 410 V, 460 V are designed for energy storage with repetitive fast discharges working. (X-ray equipment, radar, laser...)

Fixing : Clip or stud fixing  
 Screw terminals : M5 or M6  
 Tolerance on capacitance at 20°C : - 20 + 20 %  
 Storage temperature : - 65°C + 105°C  
 Operating temperature : - 55°C + 95°C

## Withstand strength of insulating sleeve

Insulation resistance at 20°C between terminals and mounting hardware : 100 MΩ  
 Test voltage at 50 Hz 1 min. between terminals and mounting hardware : 2000 V  
 Fire resistance : self extinguish 15 s (IEC 60 695-2-2)

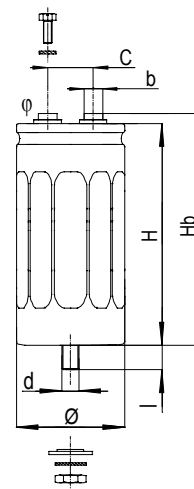
## BD

Boîtier aluminium gainé  
 Vis hexagonales

Rondelles éventail

## Forme BD

Fixation par vis de fond d'étui livrés avec le condensateur (écrou acier, rondelle éventail et rondelle isolante)



Aluminium case with sleeve;  
 Hexagonal screws

Spring washers

## BD Style

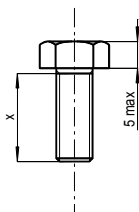
Stud fixing delivered with capacitor (steel hex nut, spring washer)

| Ø    | d    | I       | Couple de serrage max / Max nut torque |
|------|------|---------|--|
| 36   | M 8  | 12 ±1   | 4 Nm                                   |
| ≥ 51 | M 12 | 16 ±1,5 | 10 Nm                                  |

| Ø ±1 (mm) | H ±2 (mm) | Hb ±2 (mm) | C ±0,5 (mm) | φ  | b (mm) |
|-----------|-----------|------------|-------------|----|--------|
| 66        | 104       | 110        | 28,5        | M5 | 13     |
| 73        | 104       | 110        | 31,7        | M5 | 13     |
| 73        | 144       | 150        | 31,7        | M5 | 13     |
| 77        | 104       | 110        | 31,7        | M5 | 13     |
| 77        | 144       | 150        | 31,7        | M5 | 13     |
| 77        | 220       | 226        | 31,7        | M5 | 13     |
| 90        | 144       | 151        | 31,7        | M6 | 13     |
| 90        | 200       | 207        | 31,7        | M6 | 13     |

## Vis hexagonales

Hauteur de serrage entre vis et bornes : 3,5 mm max.  
 Couple de serrage max des vis :  
 M5 : 3 Nm (x min 8 mm)  
 M6 : 6 Nm (x min 12 mm)



## Hexagonal screws

Screwing height between screws and terminals : 3,5 mm max.  
 Max screw torque :  
 M5 : 3 Nm (x min 8 mm)  
 M6 : 6 Nm (x min 12 mm)

## Tenue en vibrations / Resistance to vibrations

| Hb (mm)      | > 150                      | ≤ 150                       |
|--------------|----------------------------|-----------------------------|
| F (Hz)       | 10 - 55 Hz                 | 10 - 2000 Hz                |
| Amplitude    | 0,75 mm                    | 1,5 mm                      |
| Acceleration | 10 g - 98 m/s <sup>2</sup> | 20 g - 196 m/s <sup>2</sup> |
| t (h)        | 3 x 2 h                    | 3 x 2 h                     |

# FELSIC CAPAX

15 000 h / 85°C

| Un/UR | Cn/CR    | Ø x H    | Rs/ESR |     | Z     | If / II | I ~    |         | Code          |         |
|-------|----------|----------|--------|-----|-------|---------|--------|---------|---------------|---------|
|       |          |          | 20°C   |     | 20°C  | 20°C    | 100 Hz |         | Forme / Style |         |
|       |          |          | 100 Hz |     | 10kHz | 5 min.  | 40°C   | 85°C    | BC            | BD      |
| Typ   | Max      | Max      | Max    | Max | Max   |         |        |         |               |         |
| V     | µF       | mm       | mΩ     | mΩ  | mΩ    | mA      | A      | A       | BC            | BD      |
| 10    | 47000    | 36 x 52  | 17     | 26  | 20    | 2,8     | 22     | 7,3     | A760020       | A761020 |
|       | 68000    | 36 x 60  | 10     | 15  | 17    | 4,0     | 22     | 11,0    | A760021       | A761021 |
|       | 100000   | 36 x 80  | 8      | 12  | 13    | 5,0     | 22     | 14,0    | A760022       | A761022 |
|       | 150000   | 51 x 62  | 8      | 12  | 13    | 5,0     | 25     | 15,0    | A760025       | A761025 |
|       | 220000   | 51 x 81  | 6      | 9   | 10    | 5,0     | 25     | 18,0    | A760026       | A761026 |
|       | 330000   | 51 x 104 | 5      | 8   | 10    | 5,0     | 25     | 22,0    | A760028       | A761028 |
|       | 470000   | 51 x 144 | 5      | 8   | 10    | 5,0     | 25     | 24,0    | A760029       | A761029 |
|       | 680000   | 73 x 104 | 4      | 6   | 7     | 6,0     | 50     | 26,0    | A760031       | A761031 |
|       | 1 F      | 73 x 144 | 3      | 5   | 6     | 10,0    | 50     | 35,0    | A760032       | A761032 |
|       | 1,5 F    | 77 x 220 | 3      | 5   | 6     | 12,0    | 55     | 43,0    | A760035       | A761035 |
| 2,2 F | 90 x 200 | 3        | 5      | 6   | 15,0  | 80      | 46,0   | A760038 | A761038       |         |
| 16    | 22000    | 36 x 44  | 18     | 27  | 26    | 2,0     | 22     | 7,1     | A760044       | A761044 |
|       | 33000    | 36 x 52  | 16     | 24  | 24    | 3,0     | 22     | 8,1     | A760040       | A761040 |
|       | 47000    | 36 x 60  | 13     | 20  | 18    | 4,0     | 22     | 9,5     | A760041       | A761041 |
|       | 68000    | 36 x 80  | 11     | 17  | 15    | 5,0     | 22     | 12,0    | A760042       | A761042 |
|       | 100000   | 51 x 62  | 10     | 15  | 13    | 5,0     | 25     | 13,0    | A760045       | A761045 |
|       | 150000   | 51 x 81  | 8      | 12  | 11    | 5,0     | 25     | 15,0    | A760046       | A761046 |
|       | 220000   | 51 x 104 | 7      | 11  | 9     | 5,0     | 25     | 18,0    | A760048       | A761048 |
|       | 330000   | 51 x 144 | 5      | 8   | 7     | 6,0     | 25     | 24,0    | A760049       | A761049 |
|       | 470000   | 73 x 104 | 4      | 6   | 5     | 6,0     | 50     | 26,0    | A760051       | A761051 |
|       | 680000   | 73 x 104 | 3      | 5   | 6     | 6,0     | 50     | 31,0    | A760053       | A761053 |
|       | 680000   | 73 x 144 | 3      | 5   | 5     | 6,0     | 50     | 35,0    | A760052       | A761052 |
|       | 1 F      | 77 x 220 | 3      | 5   | 5     | 11,0    | 55     | 43,0    | A760055       | A761055 |
|       | 1,5 F    | 90 x 200 | 3      | 5   | 5     | 13,0    | 80     | 46,0    | A760058       | A761058 |
| 2,2 F | 90 x 200 | 3        | 5      | 5   | 16,0  | 80      | 46,0   | A760059 | A761059       |         |
| 25    | 15000    | 36 x 44  | 20     | 30  | 28    | 2,0     | 22     | 6,7     | A760064       | A761064 |
|       | 22000    | 36 x 52  | 16     | 24  | 22    | 3,0     | 22     | 8,1     | A760060       | A761060 |
|       | 33000    | 36 x 80  | 15     | 23  | 18    | 4,0     | 22     | 10,0    | A760062       | A761062 |
|       | 47000    | 36 x 80  | 13     | 20  | 16    | 5,0     | 22     | 11,0    | A760063       | A761063 |
|       | 68000    | 51 x 62  | 10     | 15  | 13    | 5,0     | 25     | 12,0    | A760065       | A761065 |
|       | 100000   | 51 x 81  | 8      | 14  | 10    | 5,0     | 25     | 15,0    | A760066       | A761066 |
|       | 150000   | 51 x 104 | 7      | 11  | 9     | 5,0     | 25     | 18,0    | A760068       | A761068 |
|       | 220000   | 51 x 104 | 6      | 9   | 7     | 6,0     | 25     | 20,0    | A760067       | A761067 |
|       | 220000   | 51 x 144 | 6      | 9   | 7     | 6,0     | 25     | 24,0    | A760069       | A761069 |
|       | 330000   | 66 x 104 | 5      | 8   | 6     | 7,0     | 50     | 22,0    | A760070       | A761070 |
|       | 330000   | 77 x 104 | 4      | 6   | 5     | 7,0     | 55     | 27,0    | A760073       | A761073 |
|       | 470000   | 73 x 144 | 3      | 5   | 5     | 8,0     | 55     | 35,0    | A760072       | A761072 |
|       | 470000   | 77 x 104 | 3      | 5   | 5     | 8,0     | 55     | 32,0    | A760074       | A761074 |
|       | 680000   | 77 x 144 | 3      | 5   | 5     | 12,0    | 55     | 36,0    | A760076       | A761076 |
|       | 680000   | 77 x 220 | 3      | 5   | 5     | 12,0    | 55     | 43,0    | A760075       | A761075 |
| 1 F   | 90 x 200 | 3        | 5      | 5   | 14,0  | 80      | 46,0   | A760078 | A761078       |         |
| 40    | 10000    | 36 x 44  | 24     | 36  | 33    | 2,0     | 21     | 6,1     | A760083       | A761083 |
|       | 15000    | 36 x 60  | 19     | 29  | 27    | 3,0     | 22     | 7,8     | A760081       | A761081 |
|       | 22000    | 36 x 80  | 17     | 26  | 22    | 5,0     | 22     | 9,4     | A760082       | A761082 |
|       | 33000    | 36 x 80  | 16     | 24  | 20    | 5,0     | 22     | 9,7     | A760080       | A761080 |
|       | 33000    | 36 x 104 | 14     | 21  | 18    | 5,0     | 22     | 12,0    | A760084       | A761084 |
|       | 47000    | 36 x 80  | 12     | 18  | 16    | 5,0     | 22     | 11,0    | A760085       | A761085 |
|       | 47000    | 51 x 81  | 9      | 14  | 9     | 5,0     | 25     | 14,0    | A760086       | A761086 |
|       | 68000    | 51 x 104 | 8      | 12  | 8     | 6,0     | 25     | 17,0    | A760088       | A761088 |
|       | 100000   | 51 x 81  | 8      | 12  | 8     | 6,0     | 25     | 15,0    | A760087       | A761087 |
|       | 100000   | 51 x 144 | 7      | 11  | 8     | 6,0     | 25     | 21,0    | A760089       | A761089 |
|       | 150000   | 51 x 144 | 6      | 9   | 7     | 8,0     | 25     | 23,0    | A760090       | A761090 |
|       | 150000   | 73 x 104 | 6      | 9   | 7     | 8,0     | 55     | 22,0    | A760091       | A761091 |
|       | 220000   | 73 x 104 | 6      | 9   | 7     | 9,0     | 55     | 22,0    | A760093       | A761093 |
|       | 220000   | 73 x 144 | 5      | 8   | 7     | 9,0     | 55     | 27,0    | A760092       | A761092 |
|       | 330000   | 77 x 144 | 5      | 8   | 7     | 10,0    | 55     | 28,0    | A760094       | A761094 |
|       | 330000   | 90 x 144 | 4      | 6   | 6     | 10,0    | 80     | 34,0    | A760097       | A761097 |
|       | 560000   | 90 x 200 | 3      | 5   | 5     | 15,0    | 80     | 46,0    | A760098       | A761098 |
|       | 680000   | 90 x 200 | 3      | 5   | 5     | 16,0    | 80     | 46,0    | A760096       | A761096 |

# FELSIC CAPAX

15 000 h / 85°C

| Un/UR  | Cn/CR    | Ø x H    | Rs/ESR<br>20°C |     | Z<br>20°C<br>10kHz<br>Max | If //<br>20°C<br>5 min.<br>Max | I ~<br>100 Hz |         | Code<br>Forme / Style |         |
|--------|----------|----------|----------------|-----|---------------------------|--------------------------------|---------------|---------|-----------------------|---------|
|        |          |          | Typ            | Max |                           |                                | 40°C<br>Max   | 85°C    | BC                    | BD      |
| V      | µF       | mm       | mΩ             | mΩ  | mΩ                        | mA                             | A             | A       | BC                    | BD      |
| 50     | 10000    | 36 x 44  | 24             | 36  | 33                        | 3,0                            | 21            | 6,1     | A760101               | A761101 |
|        | 10000    | 36 x 52  | 21             | 32  | 30                        | 3,0                            | 22            | 7,0     | A760100               | A761100 |
|        | 15000    | 36 x 52  | 20             | 30  | 27                        | 4,0                            | 22            | 7,2     | A760103               | A761103 |
|        | 15000    | 36 x 80  | 19             | 29  | 24                        | 4,0                            | 22            | 8,9     | A760102               | A761102 |
|        | 22000    | 36 x 80  | 18             | 27  | 23                        | 4,0                            | 22            | 9,2     | A760105               | A761105 |
|        | 22000    | 36 x 104 | 17             | 26  | 21                        | 4,0                            | 22            | 11,0    | A760104               | A761104 |
|        | 33000    | 36 x 80  | 15             | 23  | 19                        | 4,0                            | 22            | 10,0    | A760108               | A761108 |
|        | 33000    | 51 x 81  | 12             | 18  | 15                        | 4,0                            | 25            | 13,0    | A760106               | A761106 |
|        | 47000    | 51 x 81  | 11             | 17  | 11                        | 5,0                            | 25            | 13,0    | A760107               | A761107 |
|        | 68000    | 51 x 144 | 10             | 15  | 10                        | 6,0                            | 25            | 18,0    | A760109               | A761109 |
|        | 100000   | 51 x 104 | 9              | 14  | 10                        | 7,0                            | 25            | 16,0    | A760111               | A761111 |
|        | 100000   | 66 x 104 | 8              | 12  | 9                         | 7,0                            | 50            | 18,0    | A760110               | A761110 |
|        | 150000   | 66 x 104 | 7              | 11  | 10                        | 10,0                           | 50            | 19,0    | A760112               | A761112 |
|        | 150000   | 77 x 104 | 7              | 11  | 10                        | 10,0                           | 55            | 21,0    | A760113               | A761113 |
|        | 220000   | 77 x 104 | 6              | 9   | 8                         | 12,0                           | 55            | 22,0    | A760115               | A761115 |
|        | 220000   | 77 x 144 | 5              | 8   | 7                         | 12,0                           | 55            | 28,0    | A760114               | A761114 |
|        | 330000   | 77 x 144 | 4              | 6   | 6                         | 15,0                           | 55            | 31,0    | A760116               | A761116 |
|        | 330000   | 90 x 144 | 4              | 6   | 6                         | 15,0                           | 80            | 34,0    | A760117               | A761117 |
| 470000 | 90 x 144 | 3        | 5              | 4   | 16,0                      | 80                             | 40,0          | A760118 | A761118               |         |
| 63     | 4700     | 36 x 44  | 45             | 68  | 52                        | 1,6                            | 16            | 4,5     | A760123               | A761123 |
|        | 6800     | 36 x 52  | 35             | 50  | 39                        | 2,5                            | 19            | 5,5     | A760120               | A761120 |
|        | 10000    | 36 x 80  | 23             | 34  | 28                        | 3,0                            | 22            | 8,1     | A760122               | A761122 |
|        | 15000    | 36 x 104 | 21             | 32  | 25                        | 5,0                            | 22            | 9,6     | A760124               | A761124 |
|        | 22000    | 36 x 104 | 19             | 29  | 23                        | 5,0                            | 22            | 10,0    | A760121               | A761121 |
|        | 22000    | 51 x 62  | 15             | 23  | 18                        | 5,0                            | 25            | 10,0    | A760125               | A761125 |
|        | 33000    | 51 x 81  | 12             | 18  | 15                        | 5,0                            | 25            | 13,0    | A760126               | A761126 |
|        | 47000    | 51 x 81  | 11             | 17  | 14                        | 6,0                            | 25            | 13,0    | A760127               | A761127 |
|        | 47000    | 51 x 104 | 11             | 17  | 14                        | 6,0                            | 25            | 15,0    | A760128               | A761128 |
|        | 56000    | 51 x 104 | 9              | 14  | 12                        | 7,0                            | 25            | 16,0    | A760130               | A761130 |
|        | 68000    | 51 x 144 | 9              | 14  | 12                        | 8,0                            | 25            | 19,0    | A760129               | A761129 |
|        | 100000   | 66 x 104 | 8              | 12  | 10                        | 9,0                            | 50            | 18,0    | A760131               | A761131 |
|        | 100000   | 73 x 144 | 7              | 11  | 9                         | 9,0                            | 55            | 23,0    | A760132               | A761132 |
|        | 150000   | 77 x 104 | 7              | 11  | 9                         | 12,0                           | 55            | 21,0    | A760133               | A761133 |
|        | 150000   | 77 x 144 | 6              | 9   | 8                         | 12,0                           | 55            | 26,0    | A760134               | A761134 |
|        | 220000   | 77 x 144 | 5              | 8   | 8                         | 15,0                           | 55            | 28,0    | A760136               | A761136 |
|        | 220000   | 77 x 220 | 5              | 8   | 8                         | 15,0                           | 55            | 34,0    | A760135               | A761135 |
|        | 330000   | 90 x 144 | 4              | 6   | 5                         | 15,0                           | 80            | 34,0    | A760137               | A761137 |
| 330000 | 90 x 200 | 3        | 5              | 4   | 15,0                      | 80                             | 45,0          | A760138 | A761138               |         |
| 80     | 4700     | 36 x 52  | 50             | 75  | 60                        | 2,2                            | 16            | 4,6     | A760140               | A761140 |
|        | 6800     | 36 x 80  | 33             | 53  | 42                        | 3,0                            | 22            | 6,8     | A760142               | A761142 |
|        | 10000    | 51 x 62  | 22             | 33  | 25                        | 5,0                            | 25            | 8,3     | A760145               | A761145 |
|        | 15000    | 51 x 81  | 17             | 25  | 20                        | 5,0                            | 25            | 11,0    | A760146               | A761146 |
|        | 22000    | 51 x 104 | 14             | 21  | 17                        | 6,0                            | 25            | 13,0    | A760148               | A761148 |
|        | 33000    | 51 x 144 | 12             | 18  | 15                        | 6,0                            | 25            | 16,0    | A760149               | A761149 |
|        | 47000    | 66 x 104 | 10             | 15  | 13                        | 8,0                            | 50            | 16,0    | A760150               | A761150 |
|        | 68000    | 73 x 144 | 8              | 12  | 10                        | 9,0                            | 55            | 22,0    | A760152               | A761152 |
|        | 100000   | 77 x 144 | 6              | 9   | 7                         | 11,0                           | 55            | 26,0    | A760154               | A761154 |
|        | 150000   | 90 x 144 | 5              | 8   | 7                         | 14,0                           | 80            | 31,0    | A760157               | A761157 |
|        | 220000   | 90 x 144 | 4              | 6   | 5                         | 16,0                           | 80            | 34,0    | A760158               | A761158 |
|        | 100      | 2200     | 36 x 44        | 80  | 120                       | 100                            | 1,1           | 12      | 3,4                   | A760163 |
| 3300   |          | 36 x 52  | 65             | 100 | 80                        | 2,0                            | 14            | 4,0     | A760160               | A761160 |
| 4700   |          | 36 x 80  | 45             | 68  | 54                        | 2,5                            | 20            | 5,8     | A760162               | A761162 |
| 6800   |          | 36 x 80  | 40             | 60  | 50                        | 4,0                            | 22            | 6,1     | A760164               | A761164 |
| 6800   |          | 51 x 62  | 30             | 45  | 35                        | 4,0                            | 25            | 7,1     | A760165               | A761165 |
| 10000  |          | 36 x 104 | 25             | 38  | 30                        | 5,0                            | 22            | 8,8     | A760168               | A761168 |
| 10000  |          | 51 x 81  | 20             | 30  | 21                        | 5,0                            | 25            | 10,0    | A760166               | A761166 |
| 15000  |          | 51 x 81  | 18             | 27  | 19                        | 6,0                            | 25            | 10,0    | A760167               | A761167 |
| 22000  |          | 51 x 144 | 16             | 24  | 18                        | 6,0                            | 25            | 14,0    | A760169               | A761169 |
| 33000  |          | 66 x 104 | 12             | 18  | 15                        | 8,0                            | 50            | 14,0    | A760170               | A761170 |
| 47000  |          | 66 x 104 | 10             | 15  | 13                        | 9,0                            | 50            | 16,0    | A760171               | A761171 |
| 47000  |          | 73 x 144 | 8              | 12  | 10                        | 9,0                            | 55            | 22,0    | A760172               | A761172 |
| 68000  |          | 77 x 144 | 7              | 11  | 10                        | 10,0                           | 55            | 24,0    | A760174               | A761174 |
| 100000 |          | 77 x 144 | 6              | 9   | 7                         | 11,0                           | 55            | 26,0    | A760175               | A761175 |
| 100000 |          | 90 x 144 | 6              | 9   | 7                         | 11,0                           | 80            | 28,0    | A760177               | A761177 |
| 150000 |          | 90 x 144 | 4              | 6   | 5                         | 14,0                           | 80            | 34,0    | A760176               | A761176 |
| 150000 |          | 90 x 200 | 3              | 5   | 4                         | 14,0                           | 80            | 45,0    | A760178               | A761178 |

Bornes à vis / Screw Terminals

| Un/UR | Cn/CR    | Ø x H    | Rs/ESR<br>20°C |     | Z<br>20°C<br>10kHz<br>Max | If //<br>20°C<br>5 min.<br>Max | I ~<br>100 Hz |         | Code<br>Forme / Style |         |
|-------|----------|----------|----------------|-----|---------------------------|--------------------------------|---------------|---------|-----------------------|---------|
|       |          |          | 100 Hz<br>Typ  | Max |                           |                                | 40°C<br>Max   | 85°C    | BC                    | BD      |
| V     | µF       | mm       | mΩ             | mΩ  | mΩ                        | mA                             | A             | A       | BC                    | BD      |
| 160   | 1000     | 36 x 44  | 100            | 150 | 120                       | 0,9                            | 11            | 3,0     | A760683               | A761683 |
|       | 1500     | 36 x 52  | 70             | 105 | 90                        | 1,3                            | 13            | 3,9     | A760180               | A761180 |
|       | 2200     | 36 x 60  | 60             | 90  | 70                        | 2,0                            | 15            | 4,4     | A760681               | A761681 |
|       | 3300     | 36 x 80  | 50             | 75  | 50                        | 3,0                            | 19            | 5,5     | A760682               | A761682 |
|       | 4700     | 36 x 104 | 36             | 54  | 36                        | 4,0                            | 22            | 7,3     | A760684               | A761684 |
|       | 6800     | 51 x 81  | 28             | 42  | 30                        | 5,0                            | 25            | 8,2     | A760686               | A761686 |
|       | 10000    | 51 x 104 | 20             | 30  | 23                        | 6,0                            | 25            | 11,0    | A760688               | A761688 |
|       | 15000    | 51 x 144 | 14             | 21  | 17                        | 8,0                            | 25            | 15,0    | A760689               | A761689 |
|       | 22000    | 73 x 104 | 12             | 18  | 14                        | 10,0                           | 53            | 15,0    | A760691               | A761691 |
|       | 33000    | 73 x 144 | 9              | 14  | 11                        | 12,0                           | 55            | 20,0    | A760692               | A761692 |
|       | 47000    | 77 x 220 | 6              | 9   | 8                         | 14,0                           | 55            | 31,0    | A760695               | A761695 |
| 68000 | 90 x 200 | 5        | 8              | 7   | 16,0                      | 80                             | 35,0          | A760698 | A761698               |         |
| 200   | 1000     | 36 x 44  | 120            | 180 | 110                       | 1,2                            | 10            | 2,7     | A760703               | A761703 |
|       | 1000     | 36 x 52  | 95             | 145 | 90                        | 1,2                            | 12            | 3,3     | A760200               | A761200 |
|       | 1500     | 36 x 60  | 85             | 130 | 85                        | 1,8                            | 13            | 3,7     | A760701               | A761701 |
|       | 1500     | 36 x 80  | 70             | 105 | 75                        | 1,8                            | 16            | 4,6     | A760202               | A761202 |
|       | 2200     | 36 x 80  | 60             | 90  | 60                        | 2,6                            | 18            | 5,0     | A760702               | A761702 |
|       | 3300     | 36 x 104 | 50             | 75  | 50                        | 3,5                            | 22            | 6,2     | A760704               | A761704 |
|       | 4700     | 51 x 81  | 35             | 53  | 38                        | 5,0                            | 25            | 7,3     | A760706               | A761706 |
|       | 6800     | 51 x 104 | 30             | 45  | 33                        | 8,0                            | 25            | 8,8     | A760708               | A761708 |
|       | 10000    | 51 x 144 | 22             | 33  | 25                        | 8,0                            | 25            | 12,0    | A760709               | A761709 |
|       | 10000    | 66 x 104 | 18             | 27  | 21                        | 8,0                            | 41            | 12,0    | A760210               | A761210 |
|       | 15000    | 73 x 104 | 16             | 24  | 18                        | 9,0                            | 46            | 13,0    | A760711               | A761711 |
|       | 22000    | 73 x 144 | 12             | 18  | 14                        | 12,0                           | 55            | 18,0    | A760712               | A761712 |
|       | 33000    | 77 x 144 | 10             | 15  | 12                        | 14,0                           | 55            | 20,0    | A760714               | A761714 |
| 56000 | 90 x 200 | 6        | 9              | 8   | 16,0                      | 80                             | 32,0          | A760718 | A761718               |         |
| 250   | 470      | 36 x 44  | 150            | 220 | 120                       | 0,7                            | 8,6           | 2,4     | A760723               | A761723 |
|       | 680      | 36 x 52  | 100            | 150 | 90                        | 1,0                            | 11            | 3,2     | A760220               | A761220 |
|       | 1000     | 36 x 60  | 85             | 130 | 85                        | 1,5                            | 13            | 3,7     | A760721               | A761721 |
|       | 1500     | 36 x 80  | 65             | 100 | 65                        | 2,0                            | 17            | 4,8     | A760722               | A761722 |
|       | 2200     | 36 x 104 | 60             | 90  | 60                        | 3,0                            | 20            | 5,7     | A760724               | A761724 |
|       | 3300     | 51 x 81  | 40             | 60  | 40                        | 4,0                            | 24            | 6,9     | A760726               | A761726 |
|       | 4700     | 51 x 104 | 35             | 53  | 36                        | 6,0                            | 25            | 8,2     | A760728               | A761728 |
|       | 6800     | 51 x 144 | 30             | 45  | 38                        | 8,0                            | 25            | 10,0    | A760729               | A761729 |
|       | 10000    | 73 x 104 | 20             | 30  | 23                        | 9,0                            | 41            | 12,0    | A760731               | A761731 |
|       | 15000    | 73 x 144 | 16             | 24  | 18                        | 10,0                           | 53            | 15,0    | A760732               | A761732 |
|       | 22000    | 90 x 144 | 10             | 15  | 12                        | 14,0                           | 76            | 22,0    | A760737               | A761737 |
|       | 33000    | 90 x 200 | 8              | 12  | 10                        | 16,0                           | 80            | 28,0    | A760738               | A761738 |
| 260   | 6000     | 51 x 81  | 55             | 85  | 75                        | 3,7                            | 18            | 5,2     | A760446               | A761446 |
|       | 8200     | 51 x 104 | 47             | 66  | 60                        | 4,4                            | 22            | 6,3     | A760448               | A761448 |
|       | 15000    | 66 x 104 | 38             | 58  | 48                        | 5,9                            | 28            | 8,1     | A760450               | A761450 |
|       | 18000    | 73 x 104 | 32             | 52  | 42                        | 6,5                            | 33            | 9,4     | A760451               | A761451 |
|       | 22000    | 77 x 104 | 27             | 40  | 35                        | 7,2                            | 37            | 11,0    | A760453               | A760453 |
|       | 33000    | 77 x 144 | 22             | 35  | 30                        | 8,8                            | 47            | 13,0    | A760454               | A761454 |
|       | 46000    | 90 x 144 | 14             | 22  | 18                        | 10,0                           | 64            | 18,0    | A760457               | A760457 |
|       | 61000    | 90 x 200 | 10             | 19  | 15                        | 12,0                           | 80            | 25,0    | A760458               | A761458 |
| 305   | 1400     | 36 x 52  | 120            | 220 | 140                       | 1,3                            | 10            | 2,9     | A760420               | A761420 |
|       | 2400     | 36 x 80  | 80             | 130 | 100                       | 1,7                            | 15            | 4,3     | A760422               | A761422 |
|       | 3300     | 36 x 104 | 70             | 120 | 90                        | 2                              | 18            | 5,2     | A760424               | A761424 |
|       | 5600     | 51 x 81  | 60             | 90  | 80                        | 2,6                            | 20            | 5,6     | A760426               | A761426 |
|       | 11000    | 51 x 144 | 50             | 75  | 65                        | 3,7                            | 25            | 7,9     | A760429               | A761429 |
|       | 12000    | 66 x 104 | 40             | 60  | 50                        | 3,8                            | 28            | 7,9     | A760430               | A761430 |
|       | 15000    | 73 x 104 | 35             | 55  | 45                        | 4,3                            | 31            | 8,9     | A760431               | A761431 |
|       | 23000    | 73 x 144 | 30             | 50  | 40                        | 5,3                            | 39            | 11      | A760432               | A761432 |
|       | 27000    | 77 x 144 | 25             | 38  | 33                        | 5,7                            | 44            | 13      | A760434               | A761434 |
|       | 36000    | 77 x 220 | 21             | 31  | 27                        | 6,6                            | 55            | 17      | A760435               | A761435 |
|       | 39000    | 90 x 144 | 16             | 24  | 20                        | 6,9                            | 60            | 17      | A760437               | A761437 |
| 52000 | 90 x 200 | 11       | 20             | 16  | 8,0                       | 80                             | 24            | A760438 | A761438               |         |

# FELSIC CAPAX

# 15 000 h / 85°C

| Un/U <sub>R</sub> | Cn/C <sub>R</sub> | Ø x H    | Rs/ESR |        | Z     | If //  | I ~    |         | Code    |               |    |
|-------------------|-------------------|----------|--------|--------|-------|--------|--------|---------|---------|---------------|----|
|                   |                   |          | 20°C   | 100 Hz | 20°C  | 20°C   | 100 Hz | 40°C    | 85°C    | Forme / Style |    |
| V                 | µF                | mm       | Typ    | Max    | 10kHz | 5 min. | Max    | Max     | Max     | BC            | BD |
|                   |                   |          | mΩ     | mΩ     | mΩ    | mA     | A      | A       |         |               |    |
| 350               | 330               | 36 x 44  | 280    | 420    | 250   | 0,7    | 6,3    | 1,8     | A760764 | A761764       |    |
|                   | 470               | 36 x 52  | 200    | 300    | 170   | 0,9    | 8,0    | 2,3     | A760760 | A761760       |    |
|                   | 680               | 36 x 80  | 130    | 200    | 100   | 1,4    | 14,0   | 4,0     | A760262 | A761262       |    |
|                   | 1000              | 36 x 80  | 95     | 140    | 88    | 2,0    | 18,0   | 5,0     | A760763 | A761763       |    |
|                   | 1500              | 51 x 81  | 60     | 90     | 60    | 3,0    | 20,0   | 5,6     | A760266 | A761266       |    |
|                   | 2200              | 51 x 81  | 55     | 83     | 55    | 4,0    | 21,0   | 5,8     | A760767 | A761767       |    |
|                   | 3300              | 51 x 104 | 50     | 80     | 60    | 6,0    | 24,0   | 6,8     | A760768 | A761768       |    |
|                   | 3300              | 51 x 144 | 35     | 52     | 35    | 6,0    | 25,0   | 9,5     | A760269 | A761269       |    |
|                   | 4700              | 51 x 144 | 30     | 45     | 30    | 7,0    | 25,0   | 10,0    | A760770 | A761770       |    |
|                   | 6800              | 73 x 104 | 23     | 35     | 24    | 7,0    | 38,0   | 11,0    | A760771 | A761771       |    |
|                   | 10000             | 73 x 144 | 16     | 24     | 17    | 9,0    | 53,0   | 15,0    | A760772 | A761772       |    |
|                   | 15000             | 77 x 220 | 12     | 18     | 14    | 14,0   | 55,0   | 22,0    | A760775 | A761775       |    |
| 22000             | 90 x 200          | 9        | 14     | 12     | 16,0  | 80,0   | 26,0   | A760778 | A761778 |               |    |
| 360               | 910               | 36 x 52  | 150    | 230    | 170   | 1,1    | 8,6    | 2,4     | A760380 | A761380       |    |
|                   | 1600              | 36 x 80  | 100    | 150    | 120   | 1,5    | 14,0   | 3,9     | A760382 | A761382       |    |
|                   | 2200              | 36 x 104 | 90     | 140    | 110   | 1,8    | 16,0   | 4,6     | A760384 | A761384       |    |
|                   | 3300              | 51 x 81  | 80     | 120    | 100   | 2,2    | 17,0   | 4,8     | A760386 | A761386       |    |
|                   | 4700              | 51 x 104 | 75     | 115    | 90    | 2,6    | 20,0   | 5,6     | A760388 | A761388       |    |
|                   | 6800              | 51 x 144 | 70     | 105    | 80    | 3,1    | 23,0   | 6,7     | A760389 | A761389       |    |
|                   | 8200              | 66 x 104 | 60     | 90     | 75    | 3,4    | 23,0   | 6,5     | A760390 | A761390       |    |
|                   | 10000             | 73 x 104 | 50     | 75     | 65    | 3,8    | 26,0   | 7,5     | A760391 | A761391       |    |
|                   | 15000             | 73 x 144 | 40     | 60     | 50    | 4,6    | 34,0   | 9,6     | A760392 | A761392       |    |
|                   | 18000             | 77 x 144 | 28     | 45     | 35    | 5,0    | 42,0   | 12,0    | A760394 | A761394       |    |
|                   | 26000             | 90 x 144 | 20     | 33     | 26    | 6,1    | 54,0   | 15,0    | A760397 | A761397       |    |
|                   | 36000             | 90 x 200 | 14     | 25     | 20    | 7,8    | 74,0   | 21,0    | A760399 | A761399       |    |
| 385               | 220               | 36 x 44  | 500    | 750    | 480   | 0,5    | 4,7    | 1,3     | A760783 | A761783       |    |
|                   | 330               | 36 x 52  | 300    | 450    | 280   | 0,8    | 6,5    | 1,9     | A760280 | A761280       |    |
|                   | 470               | 36 x 60  | 220    | 330    | 210   | 1,1    | 8,1    | 2,3     | A760781 | A761781       |    |
|                   | 680               | 36 x 80  | 190    | 290    | 180   | 1,5    | 10,0   | 2,8     | A760782 | A761782       |    |
|                   | 1000              | 36 x 104 | 140    | 210    | 140   | 2,3    | 13,0   | 3,7     | A760784 | A761784       |    |
|                   | 1500              | 51 x 81  | 80     | 120    | 80    | 3,4    | 17,0   | 4,8     | A760286 | A761286       |    |
|                   | 2200              | 51 x 104 | 60     | 90     | 60    | 5,0    | 22,0   | 6,2     | A760788 | A761788       |    |
|                   | 3300              | 51 x 144 | 50     | 75     | 50    | 6,0    | 25,0   | 7,9     | A760789 | A761789       |    |
|                   | 4700              | 73 x 104 | 30     | 45     | 35    | 7,0    | 34,0   | 10,0    | A760791 | A761791       |    |
|                   | 6800              | 73 x 144 | 18     | 27     | 22    | 8,0    | 50,0   | 14,0    | A760792 | A761792       |    |
|                   | 10000             | 77 x 220 | 15     | 22     | 17    | 11,0   | 55,0   | 20,0    | A760295 | A761295       |    |
|                   | 15000             | 90 x 200 | 11     | 16     | 13    | 12,0   | 80,0   | 24,0    | A760798 | A761798       |    |
| 20000             | 90 x 200          | 10       | 15     | 12     | 14,0  | 80,0   | 25,0   | A760799 | A761799 |               |    |
| 400               | 220               | 36 x 44  | 550    | 830    | 520   | 1,7    | 4,5    | 1,3     | A760803 | A761803       |    |
|                   | 330               | 36 x 52  | 350    | 520    | 330   | 2,0    | 6,0    | 1,7     | A760300 | A761300       |    |
|                   | 470               | 36 x 60  | 250    | 380    | 240   | 2,5    | 7,6    | 2,2     | A760801 | A761801       |    |
|                   | 680               | 36 x 80  | 200    | 300    | 200   | 3,1    | 10,0   | 2,7     | A760802 | A761802       |    |
|                   | 1000              | 36 x 104 | 150    | 230    | 150   | 3,5    | 13,0   | 3,6     | A760804 | A761804       |    |
|                   | 1500              | 51 x 81  | 80     | 120    | 85    | 4,0    | 17,0   | 4,8     | A760806 | A761806       |    |
|                   | 1800              | 51 x 81  | 75     | 113    | 80    | 4,5    | 18,0   | 5,0     | A760807 | A761807       |    |
|                   | 2200              | 51 x 81  | 70     | 110    | 80    | 5,0    | 18,0   | 5,2     | A760805 | A761805       |    |
|                   | 2200              | 51 x 104 | 60     | 105    | 70    | 5,0    | 22,0   | 6,2     | A760808 | A761808       |    |
|                   | 3300              | 51 x 144 | 40     | 60     | 50    | 6,0    | 25,0   | 8,9     | A760809 | A761809       |    |
|                   | 3300              | 66 x 104 | 40     | 60     | 40    | 6,0    | 28,0   | 7,9     | A760310 | A761310       |    |
|                   | 4700              | 73 x 104 | 30     | 45     | 35    | 8,0    | 34,0   | 10,0    | A760811 | A761811       |    |
|                   | 5600              | 73 x 144 | 22     | 33     | 26    | 8,5    | 46,0   | 13,0    | A760812 | A761812       |    |
|                   | 6800              | 73 x 144 | 18     | 27     | 22    | 9,0    | 50,0   | 14,0    | A760813 | A761813       |    |
|                   | 8200              | 77 x 144 | 16     | 24     | 19    | 11,0   | 55,0   | 16,0    | A760814 | A761814       |    |
|                   | 10000             | 77 x 144 | 15     | 23     | 18    | 12,0   | 55,0   | 16,0    | A760816 | A761816       |    |
|                   | 10000             | 77 x 220 | 13     | 20     | 16    | 12,0   | 55,0   | 21,0    | A760815 | A761815       |    |
|                   | 10000             | 90 x 144 | 15     | 22     | 18    | 12,0   | 62,0   | 18,0    | A760317 | A761317       |    |
| 15000             | 90 x 200          | 11       | 17     | 13     | 13,0  | 80,0   | 24,0   | A760318 | A761318 |               |    |
| 18000             | 90 x 200          | 10       | 15     | 12     | 15,0  | 80,0   | 25,0   | A760319 | A761319 |               |    |

Bornes à vis / Screw Terminals

| Un/U <sub>R</sub> | Cn/C <sub>R</sub> | Ø x H    | Rs/ESR  |        | Z    | If /// | I ~    |         | Code          |         |
|-------------------|-------------------|----------|---------|--------|------|--------|--------|---------|---------------|---------|
|                   |                   |          | 20°C    | 100 Hz | 20°C | 20°C   | 100 Hz |         | Forme / Style |         |
|                   |                   |          | Typ     | Max    | Max  | Max    | 40°C   | 85°C    | BC            | BD      |
| V                 | µF                | mm       | mΩ      | mΩ     | mΩ   | mA     | A      | A       | BC            | BD      |
| 410               | 640               | 36 x 52  | 1000    | 1500   | 1200 | 3,0    | 3,0    | 1,0     | A760860       | A761860 |
|                   | 1100              | 36 x 80  | 600     | 900    | 700  | 3,7    | 4,8    | 1,6     | A760861       | A761861 |
|                   | 1500              | 36 x 104 | 450     | 680    | 550  | 4,1    | 6,3    | 2,1     | A760864       | A761864 |
|                   | 2500              | 51 x 81  | 270     | 400    | 330  | 5,4    | 7,8    | 2,6     | A760866       | A761866 |
|                   | 3400              | 51 x 104 | 200     | 300    | 250  | 6,2    | 10,0   | 3,4     | A760868       | A761868 |
|                   | 5600              | 51 x 144 | 170     | 260    | 220  | 8,6    | 13,0   | 4,3     | A760869       | A761869 |
|                   | 5600              | 66 x 104 | 120     | 180    | 150  | 8,6    | 14,0   | 4,6     | A760870       | A761870 |
|                   | 6800              | 73 x 104 | 70      | 110    | 90   | 9,0    | 19,0   | 6,3     | A760871       | A761871 |
|                   | 8200              | 77 x 104 | 50      | 80     | 70   | 11     | 23,0   | 7,7     | A760873       | A761873 |
|                   | 12000             | 77 x 144 | 45      | 70     | 60   | 13     | 28,0   | 9,4     | A760874       | A761874 |
|                   | 15000             | 77 x 220 | 30      | 50     | 42   | 14     | 41,0   | 14,0    | A760875       | A761875 |
|                   | 18000             | 90 x 144 | 28      | 45     | 40   | 15     | 39,0   | 13,0    | A760877       | A761877 |
|                   | 24000             | 90 x 200 | 22      | 35     | 30   | 18     | 51,0   | 17,0    | A760878       | A761878 |
| 26000             | 90 x 200          | 20       | 32      | 27     | 18   | 53,0   | 18,0   | A760879 | A761879       |         |
| 415               | 470               | 36 x 80  | 210     | 320    | 290  | 2,6    | 10     | 2,8     | A760322       | A761322 |
|                   | 1000              | 51 x 62  | 110     | 170    | 140  | 3,9    | 13     | 3,7     | A760825       | A761825 |
|                   | 1500              | 51 x 81  | 80      | 120    | 90   | 4,7    | 17     | 4,8     | A760826       | A761826 |
|                   | 2200              | 51 x 104 | 60      | 90     | 70   | 5,7    | 22     | 6,2     | A760828       | A761828 |
|                   | 3300              | 51 x 144 | 40      | 60     | 50   | 7      | 25     | 8,9     | A760829       | A761829 |
|                   | 4700              | 73 x 104 | 30      | 45     | 34   | 8,3    | 34     | 10,0    | A760831       | A761831 |
|                   | 6800              | 73 x 144 | 20      | 30     | 25   | 10     | 48     | 14,0    | A760832       | A761832 |
|                   | 8200              | 77 x 144 | 16      | 24     | 19   | 11     | 55     | 16,0    | A760834       | A761834 |
|                   | 10000             | 77 x 220 | 13      | 20     | 16   | 12     | 55     | 21,0    | A760835       | A761835 |
|                   | 15000             | 90 x 200 | 10      | 16     | 13   | 15     | 80     | 25,0    | A760838       | A761838 |
|                   | 450               | 220      | 36 x 44 | 600    | 900  | 700    | 1,8    | 4,3     | 1,2           | A760843 |
| 330               |                   | 36 x 52  | 450     | 680    | 500  | 2,3    | 5,3    | 1,5     | A760840       | A761840 |
| 470               |                   | 36 x 80  | 300     | 450    | 350  | 2,7    | 7,9    | 2,2     | A760342       | A761342 |
| 680               |                   | 51 x 62  | 180     | 270    | 210  | 3,3    | 10     | 2,9     | A760845       | A761845 |
| 1000              |                   | 51 x 81  | 120     | 180    | 150  | 4      | 14     | 4,0     | A760346       | A761346 |
| 1500              |                   | 51 x 81  | 90      | 135    | 100  | 5      | 16     | 4,6     | A760847       | A761847 |
| 2200              |                   | 51 x 144 | 60      | 90     | 70   | 6      | 25     | 7,2     | A760349       | A761349 |
| 2700              |                   | 51 x 144 | 55      | 85     | 65   | 6,6    | 25     | 7,6     | A760844       | A761844 |
| 3300              |                   | 66 x 104 | 50      | 75     | 60   | 7,3    | 25     | 7,1     | A760850       | A761850 |
| 3900              |                   | 73 x 104 | 40      | 60     | 50   | 7,9    | 29     | 8,4     | A760851       | A761851 |
| 4700              |                   | 73 x 144 | 30      | 45     | 38   | 8,7    | 39     | 11,0    | A760352       | A761352 |
| 4700              |                   | 77 x 104 | 30      | 45     | 38   | 8,7    | 35     | 10,0    | A760854       | A761854 |
| 5600              |                   | 73 x 144 | 25      | 40     | 32   | 9,5    | 43     | 12,0    | A760853       | A761853 |
| 6800              |                   | 77 x 144 | 19      | 40     | 32   | 10     | 52     | 15,0    | A760855       | A761855 |
| 8200              |                   | 77 x 144 | 17      | 26     | 22   | 11     | 53     | 15,0    | A760848       | A761848 |
| 8200              |                   | 77 x 220 | 15      | 23     | 20   | 11     | 55     | 20,0    | A760356       | A761356 |
| 10000             |                   | 90 x 144 | 13      | 20     | 18   | 13     | 67     | 19,0    | A760857       | A761857 |
| 14000             |                   | 90 x 200 | 11      | 17     | 15   | 16     | 80     | 24,0    | A760858       | A761858 |
| 15000             | 90 x 200          | 10       | 16      | 14     | 17   | 80     | 25,0   | A760859 | A761859       |         |
| 460               | 560               | 36 x 52  | 1200    | 1800   | 1350 | 3,0    | 2,8    | 0,9     | A760880       | A761880 |
|                   | 1000              | 36 x 80  | 650     | 1000   | 750  | 4,1    | 4,6    | 1,5     | A760882       | A761882 |
|                   | 1300              | 36 x 104 | 500     | 750    | 600  | 4,6    | 5,9    | 2,0     | A760884       | A761884 |
|                   | 2200              | 51 x 81  | 300     | 450    | 400  | 6,1    | 7,5    | 2,5     | A760886       | A761886 |
|                   | 3200              | 51 x 104 | 250     | 380    | 350  | 7,3    | 9,2    | 3,1     | A760887       | A761887 |
|                   | 4500              | 51 x 144 | 150     | 220    | 180  | 8,5    | 14     | 4,6     | A760889       | A761889 |
|                   | 5000              | 66 x 104 | 140     | 210    | 170  | 9,1    | 13     | 4,2     | A760890       | A761890 |
|                   | 6300              | 73 x 104 | 100     | 150    | 120  | 10     | 16     | 5,3     | A760891       | A761891 |
|                   | 7300              | 77 x 104 | 70      | 110    | 85   | 11     | 20     | 6,5     | A760893       | A761893 |
|                   | 10000             | 73 x 144 | 65      | 100    | 75   | 13     | 23     | 7,6     | A760892       | A761892 |
|                   | 11000             | 77 x 144 | 60      | 95     | 65   | 14     | 24     | 8,1     | A760894       | A761894 |
|                   | 12000             | 77 x 144 | 50      | 80     | 60   | 14     | 27     | 9,0     | A760895       | A761895 |
|                   | 15000             | 90 x 144 | 35      | 55     | 45   | 15     | 35     | 12      | A760897       | A761897 |
|                   | 20000             | 90 x 200 | 25      | 40     | 34   | 18     | 48     | 16      | A760898       | A761898 |
|                   | 22000             | 90 x 200 | 25      | 40     | 34   | 18     | 48     | 16      | A760899       | A761899 |
| 500               | 100               | 36 x 44  | 750     | 1100   | 900  | 1,3    | 3,8    | 1,1     | A760363       | A761363 |
|                   | 150               | 36 x 52  | 500     | 750    | 600  | 1,6    | 5      | 1,4     | A760360       | A761360 |
|                   | 220               | 36 x 80  | 280     | 420    | 300  | 2      | 8,1    | 2,3     | A760362       | A761362 |
|                   | 330               | 36 x 104 | 240     | 360    | 260  | 2,4    | 10     | 2,8     | A760364       | A761364 |
|                   | 470               | 51 x 62  | 200     | 300    | 220  | 2,9    | 10     | 2,7     | A760365       | A761365 |
|                   | 680               | 51 x 81  | 140     | 210    | 150  | 3,5    | 11     | 3,3     | A760366       | A761366 |
|                   | 1000              | 51 x 104 | 110     | 170    | 120  | 4,2    | 14     | 4,1     | A760368       | A761368 |
|                   | 1500              | 51 x 144 | 90      | 140    | 100  | 5,2    | 18     | 5,3     | A760369       | A761369 |
|                   | 2200              | 73 x 104 | 60      | 90     | 70   | 6,2    | 24     | 6,8     | A760371       | A761371 |
|                   | 3300              | 73 x 144 | 40      | 60     | 50   | 7,7    | 34     | 9,6     | A760372       | A761372 |
|                   | 4700              | 77 x 144 | 35      | 52     | 40   | 9,2    | 37     | 11,0    | A760374       | A761374 |
|                   | 4700              | 77 x 220 | 28      | 42     | 30   | 9,2    | 50     | 14,0    | A760375       | A761375 |
|                   | 5600              | 90 x 144 | 24      | 36     | 26   | 10     | 50     | 14,0    | A760377       | A761377 |
|                   | 6800              | 90 x 200 | 15      | 23     | 17   | 11     | 72     | 20,0    | A760378       | A761378 |
|                   | 8200              | 90 x 200 | 13      | 20     | 17   | 12     | 77     | 22,0    | A760379       | A761379 |

### Tension de pointe (V)

1000 cycles, sans courant ondulé  
 Up : Tension de pointe normalisée répétitive (30 s)  
 Us : Tension de pointe répétitive (0,1 s)  
 Ne pas dépasser cette valeur sans risques.

### Peak voltage (V)

1000 cycles, without ripple current  
 Up : Repetitive standard peak voltage (30 s)  
 Us : Repetitive surge voltage (0,1 s)  
 Do not overstep this value without damage.

|       |      |    |    |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
|-------|------|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Un/UR | 10   | 16 | 25 | 40 | 50 | 63 | 80 | 100 | 160 | 200 | 250 | 305 | 350 | 360 | 385 | 400 | 410 | 415 | 450 | 460 | 500 |
| Up    | 11,5 | 18 | 29 | 46 | 58 | 72 | 92 | 115 | 184 | 230 | 288 | 330 | 385 | 390 | 424 | 440 | 450 | 457 | 495 | 506 | 550 |
| Us    |      |    |    |    |    |    |    |     | 200 | 235 | 290 | 335 | 405 | 405 | 430 | 450 | 468 | 468 | 500 | 540 | 600 |

### Courant de crête répétitif admissible Ic :

A condition de ne pas dépasser les courants efficaces correspondants, les courants de crête sont les suivants :

### Permissible repetitive peak current Ip :

If given corresponding max r.m.s. currents are not exceeded, peak current values are as follows :

| Ø (mm) | H (mm) | Ic / Ip (A) |      | I ~ max (A) |
|--------|--------|-------------|------|-------------|
|        |        | 40°C        | 85°C |             |
| 36     | 44     | 330         | 170  | 22          |
| 36     | 52     | 400         | 200  | 22          |
| 36     | 60     | 450         | 220  | 22          |
| 36     | 80     | 600         | 300  | 22          |
| 36     | 104    | 700         | 400  | 22          |
| 51     | 62     | 700         | 400  | 25          |
| 51     | 81     | 800         | 400  | 25          |
| 51     | 104    | 1100        | 500  | 25          |
| 51     | 144    | 1300        | 600  | 25          |
| 66     | 104    | 1900        | 800  | 50          |
| 73     | 104    | 3000        | 1100 | 55          |
| 73     | 144    | 4000        | 1700 | 55          |
| 77     | 104    | 3100        | 1200 | 55          |
| 77     | 144    | 4200        | 1800 | 55          |
| 77     | 220    | 5700        | 2400 | 55          |
| 90     | 144    | 5700        | 2400 | 80          |
| 90     | 200    | 7700        | 3200 | 80          |

Bornes à vis / Screw Terminals

### Courant ondulé admissible I (valeur efficace)

en fonction de la fréquence F :  
 I ~ : courant admissible à 100 Hz

### Permissible repetitive peak current Ip :

If given corresponding max r.m.s. currents are not exceeded, peak current values are as follows :

|        |           |     |           |           |            |           |           |
|--------|-----------|-----|-----------|-----------|------------|-----------|-----------|
| F (Hz) | 50        | 100 | 300       | 600       | 1000       | 10000     | ≥ 50000   |
| I      | 0,8 x I ~ | I ~ | 1,2 x I ~ | 1,3 x I ~ | 1,35 x I ~ | 1,5 x I ~ | 1,6 x I ~ |

### Fonctionnement en décharges instantanées (DI)

Courant de décharge Id = courant de crête de 3 ms par cycle de 1 à 60 s, à 40°C.  
 Id en fonction du boîtier

### Fast discharges working (DI)

Discharge current Id = peak current of 3 ms per cycle of 1 to 60 s, at 40°C.  
 Id as a function of case

|            |         |         |         |         |          |         |         |          |          |
|------------|---------|---------|---------|---------|----------|---------|---------|----------|----------|
| Ø x H (mm) | 36 x 44 | 36 x 52 | 36 x 60 | 36 x 80 | 36 x 104 | 51 x 62 | 51 x 81 | 51 x 104 | 51 x 144 |
| Id (A)     | 200     | 230     | 300     | 440     | 580      | 600     | 740     | 990      | 1280     |

|            |          |          |          |          |          |          |          |          |
|------------|----------|----------|----------|----------|----------|----------|----------|----------|
| Ø x H (mm) | 66 x 104 | 73 x 104 | 73 x 144 | 77 x 104 | 77 x 144 | 77 x 220 | 90 x 144 | 90 x 200 |
| Id (A)     | 1400     | 1570     | 2200     | 2000     | 2800     | 3700     | 3900     | 4800     |