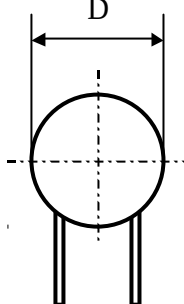
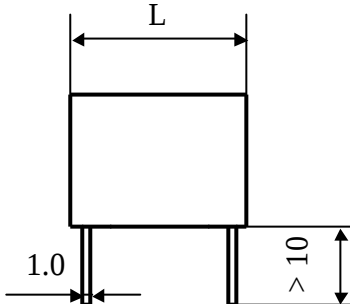
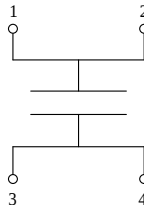
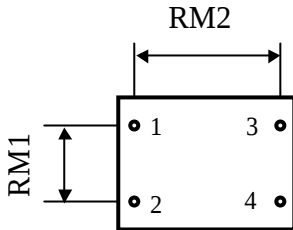


| #5660                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Power Electronics Capacitors | PPM-4 50-6.8 a K |               |                  |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------|---------------|------------------|-----------------|-----------|--------|--|-------|------|------------|-------------|------------|-----|-----|----|--------------|-----------|---------------|--|------|----|--|---------------|-------|--|-----|-----|--|--------------------|-------|--|-----|------|----------------|-------------|------------|--|----------|------|-----------------|--------------------------|-----------|--|----------|----|--|---------------|-----|--|-----|------------------|-------|-----------------------------|-----|--|--------|----|---------|------------------|-----|--|------|----|--|-----------------------|----|--|--------|----|-----------------|--------------------------------|------|--|-----|-----|------|-----------------------------------------|--|--|-------------|----|--------------|----------------------------------|--|--|-------|---|--------------|
| <div><div></div><div><div>Dielectric metallized polyester<br/>Epoxy resin end sealing UL 94-V0</div><div>Polyester wrapped    UL 510</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                              |                  |               |                  |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| <table><tr><th>Parameter</th><th>Symbol</th><th></th><th>Value</th><th>Unit</th><th>Condition</th></tr><tr><td>Capacitance</td><td>C</td><td></td><td>6.8</td><td>μF</td><td>1 V / 1 kHz</td></tr><tr><td>Tolerance</td><td></td><td></td><td>± 10</td><td>%</td><td></td></tr><tr><td>Rated voltage</td><td>Un DC</td><td></td><td>500</td><td>VDC</td><td></td></tr><tr><td>Rated voltage</td><td>Un AC</td><td></td><td>100</td><td>Veff</td><td>50Hz to 400 Hz</td></tr><tr><td>RMS current</td><td>I RMS max.</td><td></td><td>9</td><td>Aeff</td><td>5 kHz to 50 kHz</td></tr><tr><td>Repetitive surge courant</td><td>I cr. max</td><td></td><td>300</td><td>A</td><td></td></tr><tr><td>Tangent delta</td><td>tgδ</td><td></td><td>≤ 5</td><td>10<sup>-4</sup></td><td>1 kHz</td></tr><tr><td>Equivalent serie resistance</td><td>ESR</td><td></td><td>≤ 10.0</td><td>mΩ</td><td>100 kHz</td></tr><tr><td>Stray inductance</td><td>ESL</td><td></td><td>≤ 15</td><td>nH</td><td></td></tr><tr><td>Insulation resistance</td><td>Ri</td><td></td><td>&gt; 1400</td><td>MΩ</td><td>500 VDC - 1 min</td></tr><tr><td>Test voltage between terminals</td><td>U T1</td><td></td><td>650</td><td>VDC</td><td>10 s</td></tr><tr><td>Operating temperature on the capacitors</td><td></td><td></td><td>-55 / + 105</td><td>°C</td><td>in operation</td></tr><tr><td>Estimated operational life (-3%)</td><td></td><td></td><td>30000</td><td>h</td><td>500 V - 60°C</td></tr></table> |                              |                  |               |                  |                 | Parameter | Symbol |  | Value | Unit | Condition  | Capacitance | C          |     | 6.8 | μF | 1 V / 1 kHz  | Tolerance |               |  | ± 10 | %  |  | Rated voltage | Un DC |  | 500 | VDC |  | Rated voltage      | Un AC |  | 100 | Veff | 50Hz to 400 Hz | RMS current | I RMS max. |  | 9        | Aeff | 5 kHz to 50 kHz | Repetitive surge courant | I cr. max |  | 300      | A  |  | Tangent delta | tgδ |  | ≤ 5 | 10 <sup>-4</sup> | 1 kHz | Equivalent serie resistance | ESR |  | ≤ 10.0 | mΩ | 100 kHz | Stray inductance | ESL |  | ≤ 15 | nH |  | Insulation resistance | Ri |  | > 1400 | MΩ | 500 VDC - 1 min | Test voltage between terminals | U T1 |  | 650 | VDC | 10 s | Operating temperature on the capacitors |  |  | -55 / + 105 | °C | in operation | Estimated operational life (-3%) |  |  | 30000 | h | 500 V - 60°C |
| Parameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Symbol                       |                  | Value         | Unit             | Condition       |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Capacitance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | C                            |                  | 6.8           | μF               | 1 V / 1 kHz     |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Tolerance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              |                  | ± 10          | %                |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Rated voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Un DC                        |                  | 500           | VDC              |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Rated voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Un AC                        |                  | 100           | Veff             | 50Hz to 400 Hz  |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| RMS current                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I RMS max.                   |                  | 9             | Aeff             | 5 kHz to 50 kHz |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Repetitive surge courant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | I cr. max                    |                  | 300           | A                |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Tangent delta                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | tgδ                          |                  | ≤ 5           | 10 <sup>-4</sup> | 1 kHz           |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Equivalent serie resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | ESR                          |                  | ≤ 10.0        | mΩ               | 100 kHz         |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Stray inductance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ESL                          |                  | ≤ 15          | nH               |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Insulation resistance                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Ri                           |                  | > 1400        | MΩ               | 500 VDC - 1 min |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Test voltage between terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | U T1                         |                  | 650           | VDC              | 10 s            |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Operating temperature on the capacitors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                  | -55 / + 105   | °C               | in operation    |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Estimated operational life (-3%)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                              |                  | 30000         | h                | 500 V - 60°C    |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| <table><tr><th>Dimension</th><th>Symbol</th><th></th><th></th><th>Unit</th><th>Conditions</th></tr><tr><td>Diameter</td><td>D max</td><td></td><td>20</td><td>mm</td><td></td></tr><tr><td>Length</td><td>L max</td><td></td><td>33</td><td>mm</td><td></td></tr><tr><td>Terminals</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>Radial tinned wire</td><td>∅</td><td></td><td>1</td><td>mm</td><td></td></tr><tr><td>RM1</td><td></td><td></td><td>10 ± 0.5</td><td>mm</td><td></td></tr><tr><td>RM2</td><td></td><td></td><td>29 ± 0.5</td><td>mm</td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |                  |               |                  |                 | Dimension | Symbol |  |       | Unit | Conditions | Diameter    | D max      |     | 20  | mm |              | Length    | L max         |  | 33   | mm |  | Terminals     |       |  |     |     |  | Radial tinned wire | ∅     |  | 1   | mm   |                | RM1         |            |  | 10 ± 0.5 | mm   |                 | RM2                      |           |  | 29 ± 0.5 | mm |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Dimension                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Symbol                       |                  |               | Unit             | Conditions      |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Diameter                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | D max                        |                  | 20            | mm               |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | L max                        |                  | 33            | mm               |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Terminals                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                              |                  |               |                  |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| Radial tinned wire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ∅                            |                  | 1             | mm               |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| RM1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                  | 10 ± 0.5      | mm               |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| RM2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                              |                  | 29 ± 0.5      | mm               |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| <table><tr><td rowspan="3"></td><td>M1</td><td></td><td></td><td></td><td></td></tr><tr><td>M0</td><td>04.02.2010</td><td>HJJ</td><td></td><td></td></tr><tr><td>Modification</td><td>Date</td><td>Visa émetteur</td><td></td><td></td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                              |                  |               |                  |                 |           | M1     |  |       |      |            | M0          | 04.02.2010 | HJJ |     |    | Modification | Date      | Visa émetteur |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | M1                           |                  |               |                  |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | M0                           | 04.02.2010       | HJJ           |                  |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Modification                 | Date             | Visa émetteur |                  |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |
| <div><div>CH 1400 Yverdon-les-Bains<br/>Tel.: ++41 24 445 66 88<br/>Fax: ++41 24 445 66 89</div><div><div>A FISCHEK &amp; TAUSSCHKE COMPANY</div></div><div><div>HJJ</div><div>21.04.2007</div><div>faisab5660.XLS</div></div></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                              |                  |               |                  |                 |           |        |  |       |      |            |             |            |     |     |    |              |           |               |  |      |    |  |               |       |  |     |     |  |                    |       |  |     |      |                |             |            |  |          |      |                 |                          |           |  |          |    |  |               |     |  |     |                  |       |                             |     |  |        |    |         |                  |     |  |      |    |  |                       |    |  |        |    |                 |                                |      |  |     |     |      |                                         |  |  |             |    |              |                                  |  |  |       |   |              |