# Automatic COSYS PFC

*Automatic power factor correction system*


## ➲ Function

Your reactive energy consumption vary depending on the type and using conditions of the loads supplied by the network. **Automatic COSYS PFC** systems are intended to compensate this variable reactive energy.

## ➲ Composition of the range

- Power from 17,5 to 900 kvar.
- Harmonics from 0 to 100% over 4 levels: PFC41, PFC42, PFC43 and PFC44.
- Cable input from the bottom (from the top upon request).
- Thermal regulation using fan.
- Power factor regulator with 6 or 12 outputs, depending on the model, with alarm relay.

## ➲ General characteristics

- Self healing capacitors.
- Capacitor automatic disconnection in case of internal overpressure.
- Cabinet or enclosure colour RAL 7035.
- Protection index IP20 or IP30 depending on the model.
- Rated voltage: Three phase 400 V.
- Rated frequency: 50 Hz.
- Operating temperature: -5 °C to +40 °C.
- Tolerance of the capacitor value: -5, +5%.
- Discharge resistor on each load bank: < 50 V after 1 minute.
- Capacitor internal connection: delta mounting.

## ➲ Conformity to standards

- EN 61439-1
- EN 61439-2
- IEC 61439-1
- IEC 61439-2
- IEC 60831-1
- EN 50082-2
- EN 50081-1
- EN 60439-1
- EN 60831-1
- EN 60831-2

## ➲ Available on request

- Other voltages
- Other protection index
- Other enclosures

| Harmonic levels | PFC41 | PFC42 | PFC43 | PFC44 |
|---|---|---|---|---|
| Detuned frequency (with reactor) | | N = 3,78 | N = 2,7 | N = 4,3 |
| Admissible overload current | 2 In | 2 In | 2 In | 2 In |

## ➲ References

| PFC41 with heavy duty capacitor | | | Automatic capacitor bank without switch | Automatic capacitor bank with switch |
|---|---|---|---|---|
| **Power at 400 VAC (kvar)** | **Steps (nb x kvar)** | **Switching sequence(1)** | **Reference** | **Reference** |
| 17,5 | 1x2,5 + 1x5 + 1x10 | 7 | 5977 **2018** | 5977 **1018** |
| 30 | 1x5 + 1x10 + 1x15 | 6 | 5977 **2030** | 5977 **1030** |
| 50 | 1x10 + 2x20 | 5 | 5977 **2050** | 5977 **1050** |
| 75 | 1x12,5 + 1x25 + 1x37,5 | 6 | 5977 **2075** | 5977 **1075** |
| 100 | 2x12,5 + 1x25 + 1x50 | 8 | 5977 **2100** | 5977 **1100** |
| 125 | 2x12,5 + 2x25 + 1x50 | 9 | 5977 **2125** | 5977 **1125** |
| 150 | 2x12,5 + 1x25 + 2x50 | 12 | 5977 **2150** | 5977 **1150** |
| 175 | 1x25 + 3x50 | 7 | 5977 **2175** | 5977 **3175** |
| 200 | 2x25 + 3x50 | 8 | 5977 **2200** | 5977 **3200** |
| 250 | 5x50 | 5 | 5977 **4250** | 5977 **3250** |
| 300 | 6x50 | 6 | 5977 **4300** | 5977 **3300** |
| 350 | 7x50 | 7 | 5977 **4350** | 5977 **3350** |
| 400 | 8x50 | 8 | 5977 **4400** | 5977 **3400** |
| 450 | 9x50 | 9 | 5977 **4450** | 5977 **3450** |
| 500 | 10x50 | 10 | 5977 **4500** | 5977 **3500** |
| 550 | 11x50 | 11 | 5977 **4550** | 5977 **3550** |
| 600 | 12x50 | 12 | 5977 **4600** | 5977 **3600** |
| 650 | 13x50 | 13 | 5977 **4650** | 5977 **3650** |
| 700 | 14x50 | 14 | 5977 **4700** | 5977 **3700** |
| 750 | 15x50 | 15 | 5977 **4750** | 5977 **3750** |
| 800 | 16x50 | 16 | 5977 **4800** | 5977 **3800** |
| 850 | 17x50 | 17 | 5977 **4850** | |
| 900 | 18x50 | 18 | 5977 **4900** | |

*(1) Possible number of combinations to achieve the defined setpoint.*

| PFC42 with detuned filter reactor 3,78 | | | Automatic capacitor bank without switch | Automatic capacitor bank with switch |
|---|---|---|---|---|
| **Power at 400 VAC (kvar)** | **Steps (nb x kvar)** | **Switching sequence(1)** | **Reference** | **Reference** |
| 17,5 | 1x2,5 + 1x5 + 1x10 | 7 | 5978 **2018** | 5978 **1018** |
| 30 | 1x5 + 1x10 + 1x15 | 6 | 5978 **2030** | 5978 **1030** |
| 50 | 2x12,5 + 1x25 | 4 | 5978 **2050** | 5978 **1050** |
| 75 | 1x12,5 + 1x25 + 1x37,5 | 6 | 5978 **2075** | 5978 **1075** |
| 100 | 2x12,5 + 1x25 + 1x50 | 8 | 5978 **2100** | 5978 **1100** |
| 125 | 2x12,5 + 2x25 + 1x50 | 9 | 5978 **4125** | 5978 **3125** |
| 150 | 2x12,5 + 1x25 + 2x50 | 12 | 5978 **4150** | 5978 **3150** |
| 175 | 1x25 + 3x50 | 7 | 5978 **4175** | 5978 **3175** |
| 200 | 2x25 + 3x50 | 8 | 5978 **4200** | 5978 **3200** |
| 250 | 5x50 | 5 | 5978 **4250** | 5978 **3250** |
| 300 | 6x50 | 6 | 5978 **4300** | 5978 **3300** |
| 350 | 7x50 | 7 | 5978 **4350** | 5978 **3350** |
| 400 | 8x50 | 8 | 5978 **4400** | 5978 **3400** |
| 450 | 9x50 | 9 | 5978 **4450** | 5978 **3450** |
| 500 | 10x50 | 10 | 5978 **4500** | 5978 **3500** |
| 550 | 11x50 | 11 | 5978 **4550** | 5978 **3550** |
| 600 | 12x50 | 12 | 5978 **4600** | 5978 **3600** |
| 650 | 13x50 | 13 | 5978 **4650** | 5978 **3650** |
| 700 | 14x50 | 14 | 5978 **4700** | 5978 **3700** |
| 750 | 15x50 | 15 | 5978 **4750** | 5978 **3750** |
| 800 | 16x50 | 16 | 5978 **4800** | 5978 **3800** |
| 850 | 17x50 | 17 | 5978 **4850** | |
| 900 | 18x50 | 18 | 5978 **4900** | |

*(1) Possible number of combinations to achieve the defined setpoint.*

| PFC43 with detuned filter reactor 2,7 | | | Automatic capacitor bank without switch | Automatic capacitor bank with switch |
|---|---|---|---|---|
| **Power at 400 VAC (kvar)** | **Steps (nb x kvar)** | **Switching sequence(1)** | **Reference** | **Reference** |
| 25 | 2x6,25 + 1x12,5 | 4 | 5979 **2025** | 5979 **1025** |
| 50 | 2x12,5 + 1x25 | 4 | 5979 **2050** | 5979 **1050** |
| 75 | 1x12,5 + 1x25 + 1x37,5 | 6 | 5979 **2075** | 5979 **1075** |
| 100 | 1x16,7 + 1x33,5 + 1x50 | 8 | 5979 **2100** | 5979 **1100** |
| 125 | 2x12,5 + 2x25 + 1x50 | 9 | 5979 **4125** | 5979 **3125** |
| 150 | 2x12,5 + 1x25 + 2x50 | 12 | 5979 **4150** | 5979 **3150** |
| 175 | 1x25 + 3x50 | 7 | 5979 **4175** | 5979 **3175** |
| 200 | 2x25 + 3x50 | 8 | 5979 **4200** | 5979 **3200** |
| 250 | 5x50 | 5 | 5979 **4250** | 5979 **3250** |
| 300 | 6x50 | 6 | 5979 **4300** | 5979 **3300** |
| 350 | 7x50 | 7 | 5979 **4350** | 5979 **3350** |
| 400 | 8x50 | 8 | 5979 **4400** | 5979 **3400** |
| 450 | 9x50 | 9 | 5979 **4450** | 5979 **3450** |
| 500 | 10x50 | 10 | 5979 **4500** | 5979 **3500** |
| 550 | 11x50 | 11 | 5979 **4550** | 5979 **3550** |
| 600 | 12x50 | 12 | 5979 **4600** | 5979 **3600** |
| 650 | 13x50 | 13 | 5979 **4650** | 5979 **3650** |
| 700 | 14x50 | 14 | 5979 **4700** | 5979 **3700** |
| 750 | 15x50 | 15 | 5979 **4750** | 5979 **3750** |
| 800 | 16x50 | 16 | 5979 **4800** | 5979 **3800** |
| 850 | 17x50 | 17 | 5979 **4850** | |
| 900 | 18x50 | 18 | 5979 **4900** | |

*(1) Possible number of combinations to achieve the defined setpoint.*

| PFC44 with detuned filter reactor 4,3 | | | Automatic capacitor bank without switch | Automatic capacitor bank with switch |
|---|---|---|---|---|
| **Power at 400 VAC (kvar)** | **Steps (nbxkvar)** | **Switching sequence(1)** | **Reference** | **Reference** |
| 17,5 | 1x2,5 + 1x5 + 1x10 | 7 | 5975 **2018** | 5975 **1018** |
| 30 | 1x5 + 1x10 + 1x15 | 6 | 5975 **2030** | 5975 **1030** |
| 50 | 2x12,5 + 1x25 | 4 | 5975 **2050** | 5975 **1050** |
| 75 | 1x12,5 + 1x25 + 1x37,5 | 6 | 5975 **2075** | 5975 **1075** |
| 100 | 1x16,7 + 1x33,5 + 1x50 | 8 | 5975 **2100** | 5975 **1100** |
| 125 | 2x12,5 + 2x25 + 1x50 | 9 | 5975 **4125** | 5975 **3125** |
| 150 | 2x12,5 + 1x25 + 2x50 | 12 | 5975 **4150** | 5975 **3150** |
| 175 | 1x25 + 3x50 | 7 | 5975 **4175** | 5975 **3175** |
| 200 | 2x25 + 3x50 | 8 | 5975 **4200** | 5975 **3200** |
| 250 | 5x50 | 5 | 5975 **4250** | 5975 **3250** |
| 300 | 6x50 | 6 | 5975 **4300** | 5975 **3300** |
| 350 | 7x50 | 7 | 5975 **4350** | 5975 **3350** |
| 400 | 8x50 | 8 | 5975 **4400** | 5975 **3400** |
| 450 | 9x50 | 9 | 5975 **4450** | 5975 **3450** |
| 500 | 10x50 | 10 | 5975 **4500** | 5975 **3500** |
| 550 | 11x50 | 11 | 5975 **4550** | 5975 **3550** |
| 600 | 12x50 | 12 | 5975 **4600** | 5975 **3600** |
| 650 | 13x50 | 13 | 5975 **4650** | 5975 **3650** |
| 700 | 14x50 | 14 | 5975 **4700** | 5975 **3700** |
| 750 | 15x50 | 15 | 5975 **4750** | 5975 **3750** |
| 800 | 16x50 | 16 | 5975 **4800** | 5975 **3800** |
| 850 | 17x50 | 17 | 5975 **4850** | |
| 900 | 18x50 | 18 | 5975 **4900** | |

*(1) Possible number of combinations to achieve the defined setpoint.*

| **Fuse bases** | |
|---|---|
| **Dimensions H x W x D (mm)** | **Reference** |
| 100 x 600 x 600 | 5970 **0951** |
| 100 x 800 x 600 | 5970 **0952** |
| 200 x 600 x 600 | 5970 **0954** |
| 200 x 800 x 600 | 5970 **0955** |
| 100 x 600 x 400 | 5970 **0961** |
| 100 x 800 x 400 | 5970 **0962** |
| 100 x 800 x 500 | 5970 **0963** |
| 200 x 600 x400 | 5970 **0964** |
| 200 x 800 x 400 | 5970 **0965** |
| 200 x 800 x 500 | 5970 **0966** |
| 200 x 600 x 311 | 5970 **0971** |

## ➲ Characteristics

**PFC41 with heavy duty capacitor**

| Power at 400 VAC (kvar) | I nominal (A) | Fuse rating gG (A) | FUSERBLOC (A) | Cable Cu (3 x mm²)(1) | Figure n° | Figure n° with switch | H x W x D (mm) | H x W x D (mm) with switch | Weight (kg) | Weight (kg) with switch |
|---|---|---|---|---|---|---|---|---|---|---|
| 17,5 | 25 | 40 | 50 | 4 | 1 | 1 | 500x500x300 | 500x500x300 | 20 | 22 |
| 30 | 43 | 63 | 63 | 16 | 1 | 1 | 500x500x300 | 500x500x300 | 25 | 27 |
| 50 | 72 | 125 | 125 | 25 | 1 | 1 | 500x500x300 | 500x500x300 | 30 | 32 |
| 75 | 108 | 160 | 160 | 50 | 2 | 2 | 811x600x286 | 811x600x286 | 40 | 42 |
| 100 | 144 | 250 | 250 | 70 | 2 | 3 | 811x600x286 | 1211x600x311 | 50 | 52 |
| 125 | 180 | 315 | 400 | 120 | 3 | 3 | 1211x600x311 | 1211x600x311 | 58 | 60 |
| 150 | 217 | 315 | 400 | 120 | 3 | 3 | 1211x600x311 | 1211x600x311 | 65 | 67 |
| 175 | 253 | 400 | 400 | 150 | 3 | 4 | 1211x600x311 | 2000x600x400 | 70 | 185 |
| 200 | 289 | 500 | 630 | 240 | 3 | 4 | 1211x600x311 | 2000x600x400 | 80 | 195 |
| 250 | 361 | 630 | 630 | 240 | 4 | 4 | 2000x600x400 | 2000x600x400 | 220 | 225 |
| 300 | 433 | 630 | 630 | 2x120 | 4 | 4 | 2000x600x400 | 2000x600x400 | 240 | 245 |
| 350 | 505 | 800 | 800 | 2x150 | 4 | 4 | 2000x600x400 | 2000x600x600 | 260 | 270 |
| 400 | 577 | 1000 | 1250 | 2x185 | 4 | 4 | 2000x600x400 | 2000x600x600 | 280 | 290 |
| 450 | 650 | 1000 | 1250 | 2x240 | 4 | 5 | 2000x600x600 | 2000x(2x600)x600 | 400 | 415 |
| 500 | 722 | 1250 | 1250 | 2x240 | 4 | 5 | 2000x600x600 | 2000x(2x600)x600 | 450 | 465 |
| 550 | 794 | 1250 | 1250 | 4x150 | 5 | 5 | 2000x(2x600)x600 | 2000x(2x600)x600 | 480 | 495 |
| 600 | 866 | 1250 | 1250 | 4x150 | 5 | 5 | 2000x(2x600)x600 | 2000x(2x600)x600 | 500 | 515 |
| 650 | 938 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x600)x600 | 2000x(2x600)x600 | 520 | 535 |
| 700 | 1010 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x600)x600 | 2000x(2x600)x600 | 540 | 555 |
| 750 | 1083 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x600)x600 | 2000x(2x600)x600 | 550 | 565 |
| 800 | 1155 | 1800 | Consult us | 4x240 | 5 | 5 | 2000x(2x600)x600 | 2000x(2x600)x600 | 680 | 695 |
| 850 | 1227 | 1800 | Consult us | 4x240 | 5 | | 2000x(2x600)x600 | | 690 | Consult us |
| 900 | 1299 | 2000 | Consult us | 4x240 | 5 | | 2000x(2x600)x600 | | 720 | Consult us |

*(1) Cable cross-sections are only indicative and must be validated as per standard NF C 15-100.*

**PFC42 with detuned filter reactor 3,78**

| Power at 400 VAC (kvar) | I nominal (A) | Fuse rating gG (A) | FUSERBLOC (A) | Cable Cu (3 x mm²)(1) | Figure n° | Figure n° with switch | H x W x D (mm) | H x W x D (mm) with switch | Weight (kg) | Weight (kg) with switch |
|---|---|---|---|---|---|---|---|---|---|---|
| 17,5 | 25 | 40 | 50 | 4 | 3 | 3 | 1211x600x311 | 1211x600x311 | 38 | 40 |
| 30 | 63 | 63 | 100 | 16 | 3 | 3 | 1211x600x311 | 1211x600x311 | 55 | 57 |
| 50 | 72 | 125 | 125 | 25 | 3 | 3 | 1211x600x311 | 1211x600x311 | 80 | 82 |
| 75 | 108 | 160 | 160 | 50 | 3 | 3 | 1211x600x311 | 1211x600x311 | 115 | 117 |
| 100 | 144 | 250 | 250 | 70 | 3 | 3 | 1211x600x311 | 1211x600x311 | 150 | 155 |
| 125 | 180 | 315 | 400 | 120 | 4 | 4 | 2000x800x400 | 2000x800x400 | 185 | 190 |
| 150 | 217 | 315 | 400 | 120 | 4 | 4 | 2000x800x400 | 2000x800x400 | 215 | 220 |
| 175 | 253 | 400 | 400 | 150 | 4 | 4 | 2000x800x400 | 2000x800x400 | 245 | 250 |
| 200 | 289 | 500 | 630 | 240 | 4 | 4 | 2000x800x400 | 2000x800x400 | 280 | 285 |
| 250 | 361 | 630 | 630 | 240 | 4 | 4 | 2000x800x400 | 2000x800x400 | 470 | 475 |
| 300 | 433 | 630 | 630 | 2x120 | 4 | 4 | 2000x800x400 | 2000x800x400 | 540 | 545 |
| 350 | 505 | 800 | 800 | 2x150 | 4 | 5 | 2000x800x400 | 2000x800x600 | 610 | 620 |
| 400 | 577 | 1000 | 1250 | 2x185 | 4 | 5 | 2000x800x400 | 2000x800x600 | 680 | 690 |
| 450 | 650 | 1000 | 1250 | 2x240 | 5 | 5 | 2000x800x600 | 2000x(2x800)x600 | 850 | 865 |
| 500 | 722 | 1250 | 1250 | 2x240 | 5 | 5 | 2000x800x600 | 2000x(2x800)x600 | 950 | 965 |
| 550 | 794 | 1250 | 1250 | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1030 | 1045 |
| 600 | 866 | 1250 | 1250 | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1100 | 1115 |
| 650 | 938 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1170 | 1185 |
| 700 | 1010 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1240 | 1255 |
| 750 | 1083 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1300 | 1315 |
| 800 | 1155 | 1800 | Consult us | 4x240 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1480 | 1495 |
| 850 | 1227 | 1800 | Consult us | 4x240 | 5 | | 2000x(2x800)x600 | | 1500 | Consult us |
| 900 | 1299 | 2000 | Consult us | 4x240 | 5 | | 2000x(2x800)x600 | | 1620 | Consult us |

*(1) Cable cross-sections are only indicative and must be validated as per standard NF C 15-100.*

**PFC43 with detuned filter reactor 2,7**

| Power at 400 VAC (kvar) | I nominal (A) | Fuse rating gG (A) | FUSERBLOC (A) | Cable Cu (3 x mm²)(1) | Figure n° | Figure n° with switch | H x W x D (mm) | H x W x D (mm) with switch | Weight (kg) | Weight (kg) with switch |
|---|---|---|---|---|---|---|---|---|---|---|
| 25 | 36 | 63 | 63 | 10 | 3 | 3 | 1211x600x311 | 1211x600x311 | 50 | 52 |
| 50 | 72 | 125 | 125 | 25 | 3 | 3 | 1211x600x311 | 1211x600x311 | 80 | 82 |
| 75 | 108 | 160 | 160 | 50 | 3 | 3 | 1211x600x311 | 1211x600x311 | 115 | 118 |
| 100 | 144 | 250 | 250 | 70 | 3 | 3 | 1211x600x311 | 1211x600x311 | 150 | 155 |
| 125 | 180 | 315 | 400 | 120 | 4 | 4 | 2000x800x500 | 2000x800x500 | 185 | 190 |
| 150 | 217 | 315 | 400 | 120 | 4 | 4 | 2000x800x500 | 2000x800x500 | 215 | 220 |
| 175 | 253 | 400 | 400 | 150 | 4 | 4 | 2000x800x500 | 2000x800x500 | 245 | 250 |
| 200 | 289 | 500 | 630 | 240 | 4 | 4 | 2000x800x500 | 2000x800x500 | 280 | 285 |
| 250 | 361 | 630 | 630 | 240 | 4 | 4 | 2000x800x500 | 2000x800x500 | 470 | 475 |
| 300 | 433 | 630 | 630 | 2x120 | 4 | 4 | 2000x800x500 | 2000x800x500 | 540 | 545 |
| 350 | 505 | 800 | 800 | 2x150 | 4 | 5 | 2000x800x500 | 2000x800x600 | 610 | 620 |
| 400 | 577 | 1000 | 1250 | 2x185 | 4 | 5 | 2000x800x500 | 2000x800x600 | 680 | 690 |
| 450 | 650 | 1000 | 1250 | 2x240 | 5 | 5 | 2000x800x600 | 2000x(2x800)x600 | 850 | 865 |
| 500 | 722 | 1250 | 1250 | 2x240 | 5 | 5 | 2000x800x600 | 2000x(2x800)x600 | 950 | 965 |
| 550 | 794 | 1250 | 1250 | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1030 | 1045 |
| 600 | 866 | 1250 | 1250 | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1100 | 1115 |
| 650 | 938 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1170 | 1185 |
| 700 | 1010 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1240 | 1255 |
| 750 | 1083 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1300 | 1315 |
| 800 | 1155 | 1800 | Consult us | 4x240 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1480 | 1495 |
| 850 | 1227 | 1800 | Consult us | 4x240 | 5 | | 2000x(2x800)x600 | | 1500 | Consult us |
| 900 | 1299 | 2000 | Consult us | 4x240 | 5 | | 2000x(2x800)x600 | | 1620 | Consult us |

*(1) Cable cross-sections are only indicative and must be validated as per standard NF C 15-100.*

**PFC44 with detuned filter reactor 4,3**

| Power at 400 VAC (kvar) | I nominal (A) | Fuse rating gG (A) | FUSERBLOC (A) | Cable Cu (3 x mm²)(1) | Figure n° | Figure n° with switch | H x W x D (mm) | H x W x D (mm) with switch | Weight (kg) | Weight (kg) with switch |
|---|---|---|---|---|---|---|---|---|---|---|
| 17,5 | 25 | 40 | 50 | 4 | 3 | 3 | 1211x600x311 | 1211x600x311 | 38 | 40 |
| 30 | 43 | 63 | 63 | 16 | 3 | 3 | 1211x600x311 | 1211x600x311 | 55 | 57 |
| 50 | 72 | 125 | 125 | 25 | 3 | 3 | 1211x600x311 | 1211x600x311 | 80 | 82 |
| 75 | 108 | 160 | 160 | 50 | 3 | 3 | 1211x600x311 | 1211x600x311 | 115 | 118 |
| 100 | 144 | 250 | 250 | 70 | 3 | 3 | 1211x600x311 | 1211x600x311 | 150 | 155 |
| 125 | 180 | 315 | 400 | 120 | 4 | 4 | 2000x800x400 | 2000x800x500 | 185 | 190 |
| 150 | 217 | 315 | 400 | 120 | 4 | 4 | 2000x800x400 | 2000x800x500 | 215 | 220 |
| 175 | 253 | 400 | 400 | 150 | 4 | 4 | 2000x800x400 | 2000x800x500 | 245 | 250 |
| 200 | 289 | 500 | 630 | 240 | 4 | 4 | 2000x800x400 | 2000x800x500 | 280 | 285 |
| 250 | 361 | 630 | 630 | 240 | 4 | 4 | 2000x800x400 | 2000x800x500 | 470 | 475 |
| 300 | 433 | 630 | 630 | 2x120 | 4 | 4 | 2000x800x400 | 2000x800x500 | 540 | 545 |
| 350 | 505 | 800 | 800 | 2x150 | 4 | 5 | 2000x800x400 | 2000x800x600 | 610 | 620 |
| 400 | 577 | 1000 | 1250 | 2x185 | 4 | 5 | 2000x800x400 | 2000x800x600 | 680 | 690 |
| 450 | 650 | 1000 | 1250 | 2x240 | 5 | 5 | 2000x800x600 | 2000x(2x800)x600 | 850 | 865 |
| 500 | 722 | 1250 | 1250 | 2x240 | 5 | 5 | 2000x800x600 | 2000x(2x800)x600 | 950 | 965 |
| 550 | 794 | 1250 | 1250 | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1030 | 1045 |
| 600 | 866 | 1250 | 1250 | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1100 | 1115 |
| 650 | 938 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1170 | 1185 |
| 700 | 1010 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1240 | 1255 |
| 750 | 1083 | 1600 | Consult us | 4x150 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1300 | 1315 |
| 800 | 1155 | 1800 | Consult us | 4x240 | 5 | 5 | 2000x(2x800)x600 | 2000x(2x800)x600 | 1480 | 1495 |
| 850 | 1227 | 1800 | Consult us | 4x240 | 5 | | 2000x(2x800)x600 | | 1500 | Consult us |
| 900 | 1299 | 2000 | Consult us | 4x240 | 5 | | 2000x(2x800)x600 | | 1620 | Consult us |

*(1) Cable cross-sections are only indicative and must be validated as per standard NF C 15-100.*

## ➲ Dimensions

**Figure 1**

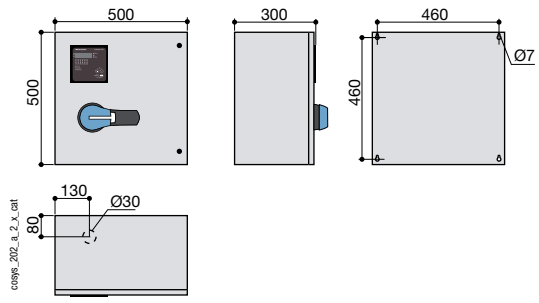
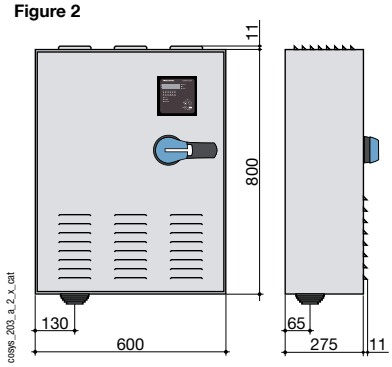
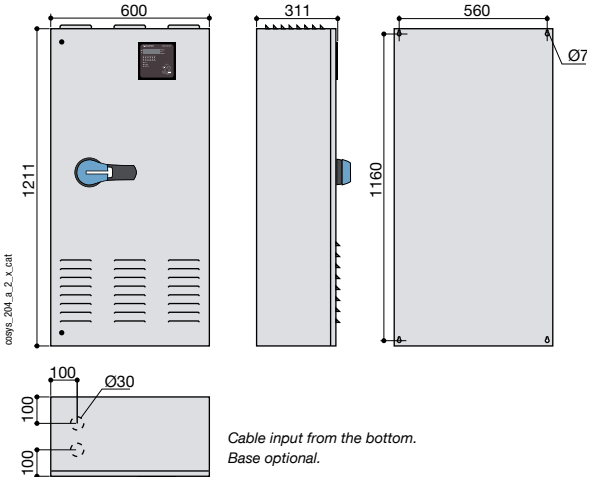



**Figure 2**



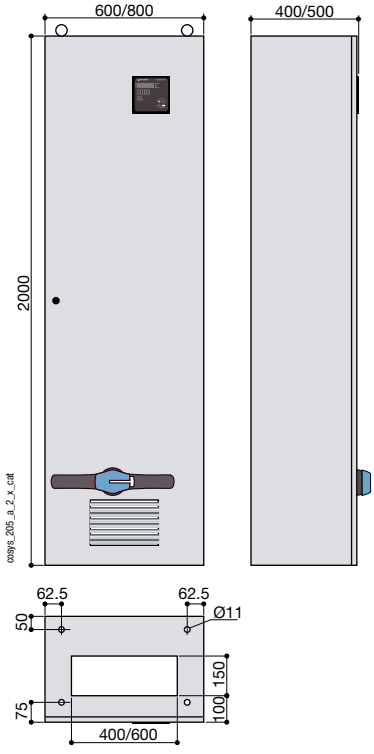

*Base optional*

**Figure 3**



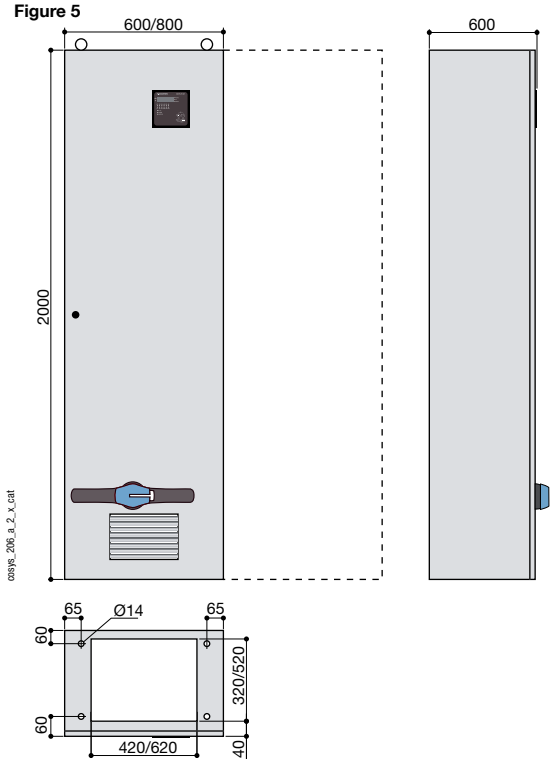

*Cable input from the bottom.*
*Base optional.*

**Figure 4**




*Cable input is from the bottom - can be from the top upon request.*
*Base optional.*

**Figure 5**




*Base optional.*