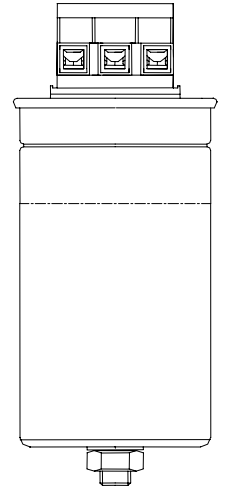


TECHNICAL DATA

| | |
|--|---|
| Service: | Continuous |
| Operating temperature | -25 ... +55°C |
| Storage temperature | -40 ... +85°C |
| Life Expectancy | ≥ 100.000 Hours at U_{RMS} |
| Dielectric Dissipation Factor $tg\delta_0$ | 2×10^{-4} |
| Capacitance tolerance | -5 ... +15% (X) |
| Test voltage terminal to case U_{TT} | $2,15 U_{RMS}$ for 10 seconds |
| Test voltage terminal to case U_{TC} | $U_{RMS} < 690[V\sim]$: 3KV - 50Hz for 10 seconds $U_{RMS} \geq 690[V\sim]$: 6kV - 50Hz for 10 seconds |
| Rated power Q | Reactive power at rated A.C. voltage $U_{RMS} - F_N$ |
| Max admissible voltage: | 1.1 times the nominal voltage 8h / 24h |
| Max admissible current: | 1.3 times the nominal current I_N |
| Permissible relative humidity | Annual average ≤ 95% on 30 days / year, continuously 100% on other days occasionally 100%. Dewing not admissible |
| Degree of protection | IP30 |
| Capacitance deviation | ±1.5% max on cap. value measured at +20 °C |
| Installation | Whatever Position |
| Safety: | Overpressure safety device |



GENERAL CHARACTERISTICS

| Code | C | Q | U_{RMS} | dv/dt | Freq | I_N | Dimensions | |
|-----------------|---------|------|-----------|-------|------|-------|------------|-------|
| | µF | kvar | V_{ac} | V/µs | Hz | A | Slim | Conc. |
| C9T_5AD5308AA0X | 3*30.8 | 5 | 415 | 30 | 50 | 7.0 | A | G |
| C9T_5AD5462AA0X | 3*46.2 | 7.5 | 415 | 30 | 50 | 10.4 | A | H |
| C9T_5BD5616AA0X | 3*61.6 | 10 | 415 | 30 | 50 | 13.9 | B | I |
| C9T_5MD5770AA0X | 3*77 | 12.5 | 415 | 30 | 50 | 17.4 | C | J |
| C9T_5MD5924AA0X | 3*92.4 | 15 | 415 | 30 | 50 | 20.9 | C | K |
| C9T_5MD6108AA0X | 3*108 | 17.5 | 415 | 30 | 50 | 24.3 | D | L |
| C9T_5MD6123AA0X | 3*123.2 | 20 | 415 | 30 | 50 | 27.8 | D | M |
| C9T_5MD6154AA0X | 3*154 | 25 | 415 | 30 | 50 | 34.7 | E | N |
| C9T_5MD6185AA0X | 3*184.8 | 30 | 415 | 30 | 50 | 41.7 | F | O |
| C9T_6AD5262AA0x | 3*26.2 | 5 | 450 | 30 | 50 | 6.4 | A | G |
| C9T_6AD5393AA0X | 3*39.3 | 7.5 | 450 | 30 | 50 | 9.6 | A | H |
| C9T_6BD5524AA0X | 3*52.4 | 10 | 450 | 30 | 50 | 12.8 | B | I |
| C9T_6MD5655AA0X | 3*65.5 | 12.5 | 450 | 30 | 50 | 16.0 | C | J |
| C9T_6MD5786AA0X | 3*78.6 | 15 | 450 | 30 | 50 | 19.2 | C | K |
| C9T_6MD5917AA0X | 3*91.7 | 17.5 | 450 | 30 | 50 | 22.5 | D | L |
| C9T_6MD6105AA0X | 3*105 | 20 | 450 | 30 | 50 | 25.7 | D | M |
| C9T_6MD6131AA0X | 3*131 | 25 | 450 | 30 | 50 | 32.0 | E | N |
| C9T_6MD6157AA0X | 3*157 | 30 | 450 | 30 | 50 | 38.5 | F | O |
| C9T_AAD5192AA0X | 3*19.2 | 5 | 525 | 30 | 50 | 5.5 | A | G |
| C9T_AAD5290AA0X | 3*29 | 7.5 | 525 | 30 | 50 | 8.3 | A | H |
| C9T_ABD5385AA0X | 3*38.5 | 10 | 525 | 30 | 50 | 11.0 | B | I |
| C9T_AMD5481AA0X | 3*48.1 | 12.5 | 525 | 30 | 50 | 13.7 | C | J |
| C9T_AMD5577AA0X | 3*57.7 | 15 | 525 | 30 | 50 | 16.5 | C | K |
| C9T_AMD5674AA0X | 3*67.4 | 17.5 | 525 | 30 | 50 | 19.2 | D | L |
| C9T_AMD5770AA0X | 3*77 | 20 | 525 | 30 | 50 | 22.0 | D | M |
| C9T_AMD5962AA0X | 3*96.2 | 25 | 525 | 30 | 50 | 27.5 | E | N |
| C9T_AMD6115AA0X | 3*115 | 30 | 525 | 30 | 50 | 33.0 | F | O |
| C9T_DBD5279AA0X | 3*27.9 | 12.5 | 690 | 30 | 50 | 10.5 | B | J |
| C9T_DMD5334AA0X | 3*33.4 | 15 | 690 | 30 | 50 | 12.6 | D | K |
| C9T_DMD5390AA0X | 3*39 | 17.5 | 690 | 30 | 50 | 14.6 | D | L |
| C9T_DMD5446AA0X | 3*44.6 | 20 | 690 | 30 | 50 | 16.7 | E | M |
| C9T_DMD5557AA0X | 3*55.7 | 25 | 690 | 30 | 50 | 20.9 | E | N |
| C9T_DMD5668AA0X | 3*66.8 | 30 | 690 | 30 | 50 | 25.1 | F | O |

Reference Standards:
IEC 831-1 / 2

Protected 1000 AFC
-25°C ... +70°C

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DIMENSIONS & PACKAGING

| Dim | Case | | | Style | SPQ |
|-----|------|-------|------|-------|-----|
| | D mm | D1 mm | H mm | | |
| A | 60 | 64 | 220 | 3 | 9 |
| B | 65 | 69 | 220 | 2 | 9 |
| C | 75 | 79 | 220 | 1 | 9 |
| D | 75 | 79 | 280 | 1 | 9 |
| E | 85 | 89 | 280 | 1 | 5 |
| F | 95 | 99 | 280 | 1 | 4 |
| G | 65 | 69 | 150 | 2 | 9 |
| H | 65 | 69 | 175 | 2 | 9 |
| I | 75 | 79 | 175 | 2 | 9 |
| J | 75 | 79 | 200 | 1 | 9 |
| K | 85 | 89 | 200 | 1 | 5 |
| L | 95 | 99 | 175 | 1 | 4 |
| M | 95 | 99 | 200 | 1 | 4 |
| N | 116 | 120 | 175 | 1 | 4 |
| O | 116 | 120 | 200 | 1 | 4 |

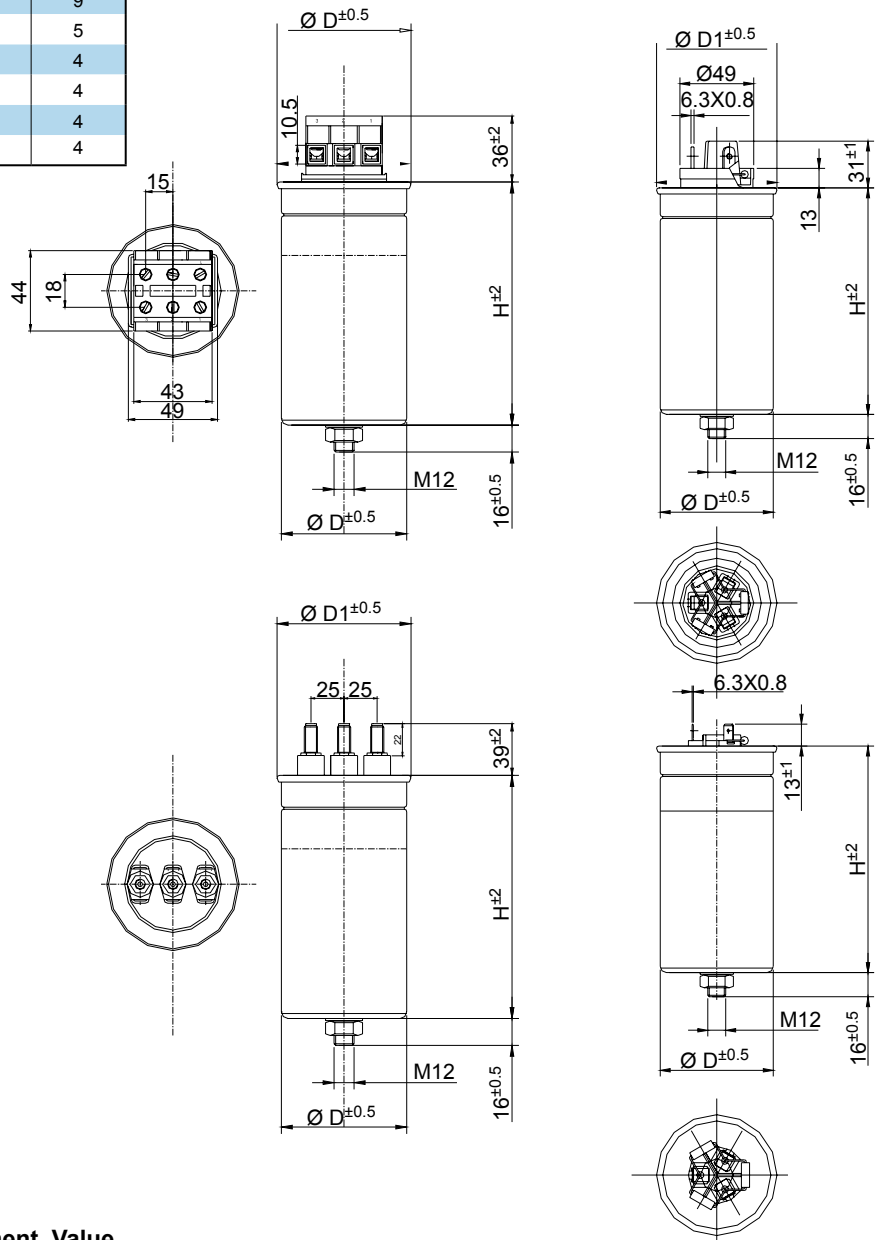
CODE STRUCTURE

| 4 th dgt | Type |
|---------------------|------------|
| S | Slim |
| C | Concentric |

| 5 th dgt | Rated Voltage |
|---------------------|---------------|
| 5 | 415 |
| 6 | 450 |
| A | 525 |
| D | 690 |

| 6 th dgt | Terminal Style |
|---------------------|----------------|
| A | 3 |
| B | 2 |
| M | 1 |
| T | 4 |

| 7 th dgt | Internal Connection |
|---------------------|---------------------|
| D | DELTA |
| Y | STAR |



8th - 11th dgt → Single Capacitive Element Value

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