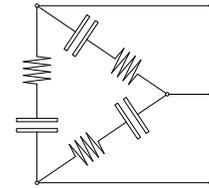


N3

Threephase RC unit (Delta configuration)



Main applications

Elimination of sparks and transient phenomena in switching circuits, radio interference suppression

Mounting

RC units can be mounted in parallel with the contacts to be protected or in parallel with the inductive load

Coating

Solvent resistant plastic case (UL 94 V-1 minimum) with resin sealing (UL 94 V-0). Flame retardant execution

Construction

The capacitor is made with extended metallized film (refer to general technical information). The capacitor and the resistor are connected in series in delta configuration

Terminals

Cylindrical execution: M8 brass screws or stranded insulated copper terminals. Parallelepipedal execution: stranded insulated copper terminals

Reference standard

IEC60068, RoHS compliant

Climatic category

25/85/56 (IEC 60068/1), HPF (DIN 40040)

Operating temperature range

-25°...+85°C

Rated capacitance (Cr)

0,22µF to 0,47µF. Other values available upon request

Capacitance tolerance (at 1kHz)

±10% (code=K), ±20% (code=M). Other tolerances upon request

Rated resistance (Rr)

10Ω to 22Ω, Other values available upon request

Power rating of resistor

Standard= 3W, other values available upon request

Rated AC voltage 50+60Hz

500Vac for cylindrical execution (Style C), 750Vac for parallelepipedal execution (Style P); sinusoidal

Test voltage between terminals (Ut)

1,6 xUr (DC) applied for 2s at 25±5°C

Test voltage between terminals and case (Utc)

5kV 50+60Hz applied for 2 sec. at 25±5°C

Resistance code:

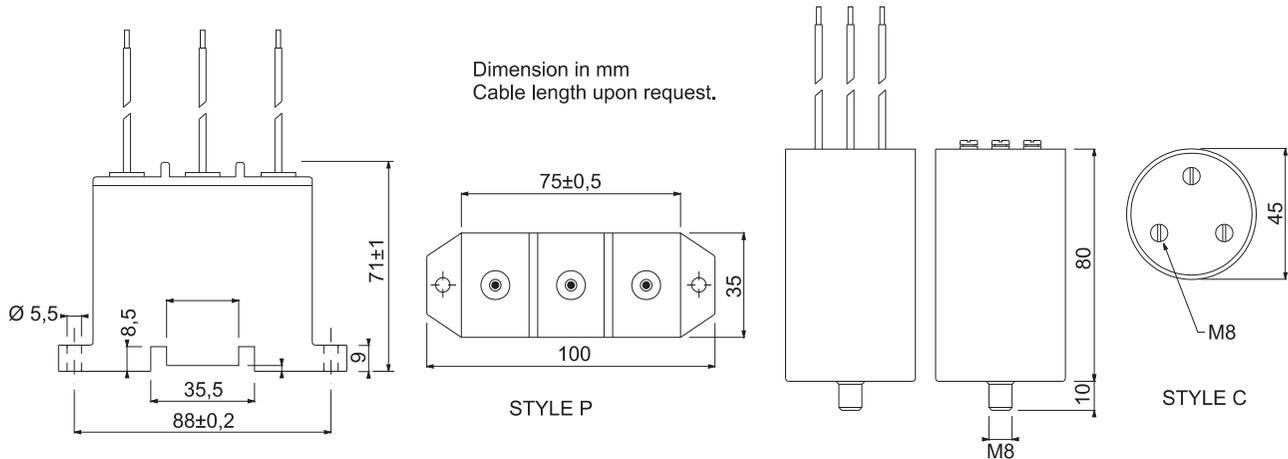
The four digits indicating the resistance code are used as follows:

1st digit= power of the resistor code: A=1/4W, B= 1/2W, C= 1W, D= 2W, **E= 3W (std.)**, F= 4W; G= 5W, H=10W, I=9W.

2nd digit= for R≥ 10Ω indicates the number of zero to be added to the two significant figures of the resistance value expressed in Ω, for 1 ≤R< 10Ω it is= R.

3rd and 4th digits = the two significant figures of the resistance value.

Examples: 22Ω 3W= E022; 100Ω 5W= G110; 4,7Ω 10W= HR47



N3 article table

Ur Vac	Cap. (µF)	Execution	Style	ICEL ordering code ⁽¹⁾
500	0,22	Cylindrical	Style C	N33220C*XXXX#&
500	0,33	Cylindrical	Style C	N33330C*XXXX#&
500	0,47	Cylindrical	Style C	N33470C*XXXX#&
750	0,22	Parallelepipedal	Style P	N33220P*XXXX#&
750	0,33	Parallelepipedal	Style P	N33330P*XXXX#&
750	0,47	Parallelepipedal	Style P	N33470P*XXXX#&

⁽¹⁾Change the * symbol with the needed capacitance tolerance code: K=±10%, M=±20% (M= std.)

Change the # symbol with the terminals execution

D=style C with 200±15mm flexible wires

F=style C with screw connections

A=style P with 500±25mm flexible wires

& = free character for possible additional information

E=style C with M8 fixing stud and 200±15mm flexible wires

G=style C with M8 fixing stud and screw connections

V=style P with M5 screw connections (upon request)

Change XXXX digits with the resistance code

Warning: this specification must be completed with the data given in the "General technical information" chapter