

TECHNICAL CHARACTERISTICS

Series of insulators designed to be used as supports or spacers of electrically active parts such as the bars used to create panels.

Made of polyamide resin with the addition of glass fibres, they guarantee a high mechanical and electrical resistance over time. Furthermore, the material is non absorbing and highly self-extinguishing.

The material used is "halogen free" UL V0.

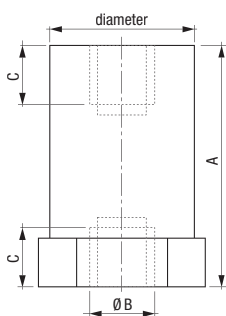
On both resting sides the insulators feature a brass or white iron zincate threaded female insert that, by means of different types of special headless screws, allows the coupling with the parts concerned, while the lower part features a hexagonal band for the fastening.

- Colour: black
- Arc resistance: > 180 s - ASTM D-495
- The material used is "halogen free" UL V0
- Material: self-extinguishing in class V0 (1.6 mm) according to the UL-94 standard
- Operating temperature: -40 °C ÷ +130 °C
- Water absorption: < 0.2% - ASTM D-570
- Tracking resistance: 3 W/min - ASTM D-2302
- For the fastening please refer to the section "GV series accessories"
- Halogen free



INSULATORS AND BUSBAR SUPPORTS

DIMENSIONS (mm)



Variable dimensions according to the model.
See tables below.

Spacer column insulators SELECTABLE ELEMENTS

CP UL SERIES

	Code	Model	Material*	Height (mm)		Diameter (mm)	Tensile strength (daN)	Flexural strength (daN)	Rated voltage at 50Hz for 1 min (kV)	Min internal flashover voltage AC (kV)	Operating voltage DC / AC (V)
				(A)	(C)						
M4 insert											
	SA58080099	CP2016-04 UL	PA	16	5	20	400	250	3	10	400
	SA58400099	CP2020-04 UL	PA	20	5	20	400	250	3,5	10	600
	SA58990099	CP2025-04 UL	PA	25	5	20	400	200	5	15	600
M5 insert											
	SA58160099	CP2016-05 UL	PA	16	5	20	400	250	3	10	400
	SA58570099	CP2020-05 UL	PA	20	5	20	400	250	3,5	10	600
	SA59070099	CP2025-05 UL	PA	25	5	20	400	200	5	15	600
	SA59490099	CP2030-05 UL	PA	30	9	20	400	200	5	15	600
	SA59720099	CP2035-05 UL	PA	35	9	20	400	150	8	25	600
	SA60040099	CP2040-05 UL	PA	40	9	20	400	150	8	25	600
	SA60380099	CP2045-05 UL	PA	45	9	20	400	100	8	25	600
	SA60610099	CP2050-05 UL	PA	50	9	20	400	100	10	30	750
M6 insert											
	SA58240099	CP2016-06 UL	PA	16	4	20	400	250	3	10	400
	SA58730099	CP2020-06 UL	PA	20	5	20	400	250	3,5	10	600
	SA59150099	CP2025-06 UL	PA	25	5	20	400	200	5	15	600
	SA59560099	CP2030-06 UL	PA	30	9	20	400	200	5	15	600
	SA59800099	CP2035-06 UL	PA	35	9	20	400	150	8	25	600
	SA60120099	CP2040-06 UL	PA	40	9	20	400	150	8	25	600
	SA60460099	CP2045-06 UL	PA	45	9	20	400	100	8	25	600
	SA60790099	CP2050-06 UL	PA	50	9	20	400	100	10	30	750
	SA60950099	CP3030-06 UL	PA	30	9	30	900	450	8	25	750
	SA61110099	CP3035-06 UL	PA	35	10	30	900	450	8	25	750
	SA61370099	CP3040-06 UL	PA	40	10	30	900	300	10	30	1000
	SA61520099	CP3045-06 UL	PA	45	15	30	900	300	10	30	1000
	SA61780099	CP3050-06 UL	PA	50	15	30	900	200	10	40	1500
	SA61940099	CP3055-06 UL	PA	55	15	30	900	200	10	40	1500
	SA62100099	CP3060-06 UL	PA	60	15	30	900	150	15	40	1500
	SA62360099	CP3065-06 UL	PA	65	15	30	900	150	15	40	1500
	SA62510099	CP3070-06 UL	PA	70	15	30	900	150	15	40	1500

Ultimate strength tolerance $\pm 10\%$ 1 daN = 10 N

* PA= Polyamide / BMC= Mass Polyester

	Code	Model	Material*	Height (mm)		Diameter (mm)	Tensile strength (daN)	Flexural strength (daN)	Rated voltage at 50Hz for 1 min (kV)	Min internal flashover voltage AC (kV)	Operating voltage DC / AC (V)
				(A)	(C)						
M8 insert											
	SA58320099	CP2016-08 UL	PA	16	4	20	400	250	3	10	400
	SA58810099	CP2020-08 UL	PA	20	4	20	400	250	3,5	10	600
	SA59230099	CP2025-08 UL	PA	25	4	20	400	200	5	15	600
	SA59640099	CP2030-08 UL	PA	30	10	20	400	200	5	15	600
	SA59980099	CP2035-08 UL	PA	35	10	20	400	150	8	25	600
	SA60200099	CP2040-08 UL	PA	40	10	20	400	150	8	25	600
	SA60530099	CP2045-08 UL	PA	45	10	20	400	100	8	25	600
	SA60870099	CP2050-08 UL	PA	50	10	20	400	100	10	30	750
	SA61030099	CP3030-08 UL	PA	30	9	30	900	450	8	25	750
	SA61290099	CP3035-08 UL	PA	35	10	30	900	450	8	25	750
	SA61450099	CP3040-08 UL	PA	40	10	30	900	300	10	30	1000
	SA61600099	CP3045-08 UL	PA	45	15	30	900	300	10	30	1000
	SA61860099	CP3050-08 UL	PA	50	15	30	900	200	10	40	1500
	SA62020099	CP3055-08 UL	PA	55	15	30	900	200	10	40	1500
	SA62280099	CP3060-08 UL	PA	60	15	30	900	150	15	40	1500
	SA62440099	CP3065-08 UL	PA	65	15	30	900	150	15	40	1500
	SA62690099	CP3070-08 UL	PA	70	15	30	900	150	15	40	1500
	SA62770099	CP4030-08 UL	PA	30	9	40	1000	700	8	25	750
	SA62930099	CP4035-08 UL	PA	35	10	40	1000	700	8	25	750
	SA63190099	CP4040-08 UL	PA	40	10	40	1000	500	10	30	1000
	SA63430099	CP4045-08 UL	PA	45	15	40	1000	500	10	30	1000
	SA63760099	CP4050-08 UL	PA	50	15	40	1000	500	10	40	1500
	SA64000099	CP4055-08 UL	PA	55	15	40	1000	500	10	40	1500
	SA64670099	CP4060-08 UL	PA	60	15	40	1000	370	15	40	1500
M10 insert											
	SA62850099	CP4030-10 UL	PA	30	8	40	1000	700	8	25	750
	SA63010099	CP4035-10 UL	PA	35	10	40	1000	700	8	25	750
	SA63270099	CP4040-10 UL	PA	40	10	40	1000	500	10	30	1000
	SA63500099	CP4045-10 UL	PA	45	15	40	1000	500	10	30	1000
	SA63840099	CP4050-10 UL	PA	50	15	40	1000	500	10	40	1500
	SA64260099	CP4055-10 UL	PA	55	15	40	1000	500	10	40	1500
	SA64750099	CP4060-10 UL	PA	60	15	40	1000	370	15	40	1500
M12 insert											
	SA63350099	CP4040-12 UL	PA	40	12	40	1000	500	10	30	1000
	SA63680099	CP4045-12 UL	PA	45	14	40	1000	500	10	30	1000
	SA63920099	CP4050-12 UL	PA	50	14	40	1000	500	10	40	1500
	SA64590099	CP4055-12 UL	PA	55	14	40	1000	500	10	40	1500
	SA64830099	CP4060-12 UL	PA	60	14	40	1000	370	15	40	1500

Ultimate strength tolerance $\pm 10\%$ 1 daN = 10 N

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