

CABLE GLANDS



MAIN TECHNICAL FEATURES

Material: made of rigid PA 6.6 Nylon, gaskets made of NBR vulcanized rubber with high grip performance.

Self-extinguishing degree V2 according to UL94 standard.

For external installations: high resistance to ageing and UV rays.

Protection degree: IP68 (watertight at submersion).

Standard colours: grey RAL 7035 or black.

Resistance to abnormal heat: (Glow Wire Test) up to 750° C.

Temperature installation range: min. -30°C, max +90° C.

Max. operating temperature for a limited time: up to 120° C.

Resistance to cable stress: tested up to 5kg for 1 hour.

Metric thread manufactured according to EN 50262 standard and PG thread according to DIN 40430 standard.

Products complying with the main requirements of the regulation B.T. 2006/96/CE.

Products complying with the regulation RoHS 2002/95/CE.



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TECHNICAL SPECIFICATION



ELETTROCANALI cable glands are manufactured with high quality rigid technopolymer (PA6.6 nylon), resistant to oils and greases; they are suitable for heavy duties.

Their resistance to UV rays and to aging is a fundamental characteristic which permit to use them outdoors and in exposed areas.

The cylindrical seal made of NBR vulcanized rubber, together with the gasket to be inserted in the

housing of the gland assures the protection degree IP68 and the tensile strength, in accordance with the relevant reference standards.

The shape of the tulip system with a progressive closing, present both in the version with PG-thread and in the one with metric thread, allows a tear-resistant locking distributed on the whole seal.

The cable gland has an anti-screwing cap, in order to avoid

loosening under resonant vibrations.

The range has 10 different sizes, available in two colours, grey and black, with metric and PG threads, with or without assembled lock nut.

In combination with our junction boxes, modular enclosures and boards, cable glands ensure the necessary protection degree requested for the system.

PG-THREADED CABLE GLANDS **SERIES 500**

MAIN TECHNICAL FEATURES:

- Material: made of rigid PA 6.6 nylon, gaskets made of NBR vulcanized rubber.
- Self-extinguishing degree V2 according to UL94 standard.
- PG thread.
- Made in compliance with DIN 40430 standard.
- Packed in strong cardboard boxes suitable for transport and storage.



GREY RAL 7035

IP 68



BLACK

GREY ITEM	BLACK ITEM	THREAD	MIN - MAX CLAMPING DIAMETER mm	ASSEMBLING HOLE DIAMETER mm	BAG PACKAGING PIECES
EC50007	EC50007N	PG 7	3 - 6,5	13	50/200/1200
EC50009	EC50009N	PG 9	4 - 8	16	50/200/1200
EC50011	EC50011N	PG 11	5 - 10	19	50/100/600
EC50013	EC50013N	PG 13,5	6 - 12	21	-/100/600
EC50016	EC50016N	PG 16	9 - 14	23	-/50/300
EC50021	EC50021N	PG 21	13 - 18	28	-/50/300
EC50029	EC50029N	PG 29	15 - 25	38	-/25/150
EC50036	EC50036N	PG 36	20 - 31	48	-/15/90
EC50042	EC50042N	PG 42	28 - 38	55	-/10/60
EC50048	EC50048N	PG 48	34 - 43	60	-/5/30



Series 500



Series 500N

PG-THREADED CABLE GLANDS WITH ASSEMBLED LOCK NUT SERIES 510

MAIN TECHNICAL FEATURES:

- Material: made of rigid PA 6.6 nylon, gaskets made of NBR vulcanized rubber.
- Self-extinguishing degree V2 according to UL94 standard.
- PG thread.
- Assembled lock-nut.
- Made in compliance with DIN 40430 standard.
- Packed in strong cardboard boxes suitable for transport and storage.



GREY RAL 7035

IP 68



BLACK

GREY ITEM	BLACK ITEM	THREAD	MIN - MAX CLAMPING DIAMETER mm	ASSEMBLING HOLE DIAMETER mm	BAG PACKAGING PIECES
EC51007	EC51007N	PG 7	3 - 6,5	13	50/200/1200
EC51009	EC51009N	PG 9	4 - 8	16	50/200/1200
EC51011	EC51011N	PG 11	5 - 10	19	50/100/600
EC51013	EC51013N	PG 13,5	6 - 12	21	-/100/600
EC51016	EC51016N	PG 16	9 - 14	23	-/50/300
EC51021	EC51021N	PG 21	13 - 18	28	-/50/300
EC51029	EC51029N	PG 29	15 - 25	38	-/25/150
EC51036	EC51036N	PG 36	20 - 31	48	-/15/90
EC51042	EC51042N	PG 42	28 - 38	55	-/10/60
EC51048	EC51048N	PG 48	34 - 43	60	-/5/30



Series 510



Series 510N

METRIC THREADED CABLE GLANDS WITH ASSEMBLED LOCK NUT SERIES 540

MAIN TECHNICAL FEATURES:

- Material: made of rigid PA 6.6 nylon, gaskets made of NBR vulcanized rubber.
- Self-extinguishing degree V2 according to UL94 standard.
- Metric 1,5 mm thread.
- Assembled lock-nut.
- Made in compliance with EN 50262 standard.
- Packed in strong cardboard boxes suitable for transport and storage.



GREY RAL 7035

IP 68

BLACK

GREY ITEM	BLACK ITEM	THREAD mm	MIN - MAX CLAMPING DIAMETER mm	ASSEMBLING HOLE DIAMETER mm	BAG PACKAGING PIECES
EC54016	EC54016N	16x1,5	5 - 10	16	100/600
EC54020	EC54020N	20x1,5	6 - 12	20	100/600
EC54025	EC54025N	25x1,5	9 - 14	25	50/300
EC54032	EC54032N	32x1,5	15 - 25	32	25/150
EC54040	EC54040N	40x1,5	20 - 31	40	15/90
EC54050	EC54050N	50x1,5	28 - 38	50	10/60



Series 540



Series 540N

LOCK NUTS AND GASKETS SERIES 520 / 530

LOCK NUTS MAIN TECHNICAL FEATURES:

- Material: made of rigid PA 6.6 nylon.
- Self-extinguishing V2 degree to UL94 standard.
- Packed in strong cardboard boxes suitable for transport and storage.

GASKETS MAIN TECHNICAL FEATURES:

- Material: made of NBR vulcanized rubber.
- High resistance to compression.
- Packed in strong cardboard boxes suitable for transport and storage.



GREY RAL 7035

PG-threaded lock nuts

ITEM	THREAD	PACKAGING PIECES
EC52007	PG 7	50/1000
EC52009	PG 9	50/1000
EC52011	PG 11	50/1000
EC52013	PG 13,5	50/1000
EC52016	PG 16	50/500
EC52021	PG 21	50/500
EC52029	PG 29	25/500
EC52036	PG 36	25/500
EC52042	PG 42	10/500
EC52048	PG 48	10/500

Metric threaded lock nuts

ITEM	THREAD mm	PACKAGING PIECES
EC52016M	16x1,5	50/500
EC52020M	20x1,5	50/500
EC52025M	25x1,5	25/500
EC52032M	32x1,5	25/300
EC52040M	40x1,5	10/300
EC52050M	50x1,5	10/300

Gaskets for PG-threaded cable glands

ITEM	THREAD	PACKAGING PIECES
EC53007	PG 7	100/1000
EC53009	PG 9	100/1000
EC53011	PG 11	100/1000
EC53013	PG 13,5	100/1000
EC53016	PG 16	100/500
EC53021	PG 21	100/500
EC53029	PG 29	100/500
EC53036	PG 36	50/500
EC53042	PG 42	50/500
EC53048	PG 48	50/500

Gaskets for metric threaded cable glands

ITEM	INTERNAL HOLE mm	PACKAGING PIECES
EC53016M	16,5	100/1000
EC53020M	20,5	100/1000
EC53025M	25,5	100/500
EC53032M	32,5	100/500
EC53040M	40,5	50/500
EC53050M	50,5	50/500

THREADED CAPS **SERIES 522 / 523**

MAIN TECHNICAL FEATURES:

- Material: Made of PA 6.6 technopolymer.
- Self-extinguishing degree V2 according to UL94 standard.
- Resistance to abnormal heat (Glow Wire Test): up to 650° C.
- Metric thread 1,5 mm.



PG Threaded Caps

ITEM	THREAD DIAMETER	CAP DIAMETER mm	HEIGHT mm	THREAD LENGHT mm	PACKAGING PIECES
EC52207	PG7	14,8	10,0	6,0	100/1000
EC52209	PG9	18,7	10,4	6,0	100/1000
EC52211	PG11	21,7	10,4	6,0	100/1000
EC52213	PG13,5	23,7	10,3	6,0	100/1000
EC52216	PG16	27,0	10,3	6,0	100/1000
EC52221	PG21	32,8	12,5	7,8	100/1000
EC52229	PG29	44,1	13,3	7,8	50/500
EC52236	PG36	52,6	13,7	7,7	50/500
EC52242	PG42	59,5	16,3	9,6	50
EC52248	PG48	64,2	18,0	11,8	50

Metric threaded Caps

ITEM	THREAD DIAMETER	CAP DIAMETER mm	HEIGHT mm	THREAD LENGHT mm	PACKAGING PIECES
EC52312	M12x1,5	15,0	10,0	6,0	100/1000
EC52316	M16x1,5	20,0	10,5	6,0	100/1000
EC52320	M20x1,5	24,0	10,5	6,0	100/1000
EC52325	M25x1,5	29,7	12,8	7,8	100/1000
EC52332	M32x1,5	36,6	13,3	7,8	50/500
EC52340	M40x1,5	45,8	13,4	7,8	50/500
EC52350	M50x1,5	55,5	16,2	9,8	50
EC52363	M63x1,5	69,3	17,5	11,8	50



UNIPOLAR TERMINAL BLOCKS SERIES 890

MAIN TECHNICAL FEATURES:

- Material: polycarbonate technopolymer.
- Self-extinguishing degree V0 according to UL94 Standard.
- Resistance to abnormal heat (Glow Wire Test): up to 650° C.
- Rated voltage 450V – Max operating temperature 85° C.
- Manufactured with brass alloy CW614N.
- Made in compliance with the Standards EN 60998-1, EN 60998-2-1.



Transparent unipolar terminal blocks

ITEM	NOMINAL SECTION	NOTES	PACKAGING PIECES
EC890010	1,5 mm ²	Bar with 10 blocks	100/9000
EC890011	2,5 mm ²	Bar with 10 blocks	100/5000
EC890012	4 mm ²	Bar with 10 blocks	100/4000
EC890013	6 mm ²	Bar with 10 blocks	100/2500
EC890014	10 mm ²	Bar with 10 blocks	100/2000
EC890015	16 mm ²	Bar with 10 blocks	100/1000
EC890016	25 mm ²	Single block	5/450
EC890017	35 mm ²	Single block	5/240

Equipotential plates with cover

ITEM	HOLE NR.	NOMINAL SECTION	PACKAGING PIECES
EC890020	21	7x16 mm ² + 3x25 mm ² + 1x50 mm ²	1/40
EC890021	12	4x16 mm ² + 2x25 mm ²	1/150



MODULAR UNIPOLAR TERMINAL BLOCKS TO BE MOUNTED ON EN50022 DIN RAIL **SERIES 890**

MAIN TECHNICAL FEATURES:

- Material: polyamide technopolymer.
- Self-extinguishing degree V2 according to UL94 Standard.
- Resistance to abnormal heat (Glow Wire Test): up to 960° C.
- Rated voltage 800V – Max operating temperature 85° C.
- Manufactured with brass alloy CW614N.



Modular unipolar terminal blocks

ITEM	NOMINAL SECTION	PACKAGING PIECES
EC890030	2,5 mm ²	10/600
EC890031	4 mm ²	10/600
EC890032	6 mm ²	10/300
EC890033	10 mm ²	10/300
EC890034	16 mm ²	10/200
EC890035	25/35 mm ²	10/120
EC890036	70 mm ²	4/60
EC890040	BLOCKING ELEMENT	10/500

