

# CABLE GLANDS TERMINAL BLOCKS



## MAIN TECHNICAL FEATURES CABLE GLANDS

Material: made of rigid 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: up to 750°C (Glow Wire Test according to IEC 60695-2-11 standard).

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

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

Tensile cable strength resistance: tested up to 5 kg for 1 hour.

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

Products meeting the essential requirements of L.V.D. 2014/35/UE.

Products in compliance with RoHS II - 2011/65/UE directive.



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## MAIN TECHNICAL FEATURES



ELETROCANALI cable glands are manufactured with high quality rigid technopolymer (6.6 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.

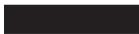
## CABLE GLANDS PG SERIES 500-510

### 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 (510).
- Made in compliance with DIN 40430 standard.
- Packed in strong cardboard boxes suitable for transport and storage.



GREY RAL 7035



BLACK

IP68

### PG-Threaded cable glands series without lock nut series 500

ITEM GREY	ITEM BLACK	THREAD	MIN - MAX CLAMPING DIAMETER mm	ASSEMBLING HOLE DIAMETER mm	PACKAGING PIECES
EC50007	-	PG 7	3 - 6,5	12,5	50/1200
EC50009	-	PG 9	4 - 8	15,5	50/1200
EC50011	-	PG 11	5 - 10	19	50/600
EC50013	-	PG 13,5	6 - 12	20,5	50/600
EC50016	-	PG 16	9 - 14	22,5	50/300
EC50021	-	PG 21	13 - 18	29	50/300
EC50029	-	PG 29	15 - 25	37	25/150
EC50036	-	PG 36	20 - 31	47	15/90
EC50042	-	PG 42	28 - 38	54	10/60
EC50048	-	PG 48	34 - 43	60	5/30

### PG-Threaded cable glands with assembled lock nut series 510

ITEM GREY	ITEM BLACK	THREAD	MIN - MAX CLAMPING DIAMETER mm	ASSEMBLING HOLE DIAMETER mm	PACKAGING PIECES
EC51007	EC51007N	PG 7	3 - 6,5	12,5	50/1200
EC51009	EC51009N	PG 9	4 - 8	15,5	50/1200
EC51011	EC51011N	PG 11	5 - 10	19	50/600
EC51013	EC51013N	PG 13,5	6 - 12	20,5	50/600
EC51016	EC51016N	PG 16	9 - 14	22,5	50/300
EC51021	EC51021N	PG 21	13 - 18	29	50/300
EC51029	EC51029N	PG 29	15 - 25	37	25/150
EC51036	EC51036N	PG 36	20 - 31	47	15/90
EC51042	EC51042N	PG 42	28 - 38	54	10/60
EC51048	EC51048N	PG 48	34 - 43	60	5/30



Series 500



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.



IP68



GREY RAL 7035

### Metric-Threaded cable glands with assembled lock nut series 540

ITEM	THREAD mm	MIN - MAX CLAMPING DIAMETER mm	ASSEMBLING HOLE DIAMETER mm	PACKAGING PIECES
<b>EC54016</b>	16x1,5	5 - 10	16,5	100/600
<b>EC54020</b>	20x1,5	6 - 12	20,5	100/600
<b>EC54025</b>	25x1,5	9 - 14	25,5	50/300
<b>EC54032</b>	32x1,5	15 - 25	32,5	25/150
<b>EC54040</b>	40x1,5	20 - 31	40,5	15/90
<b>EC54050</b>	50x1,5	28 - 38	50,5	10/60



Series 540

## LOCK NUTS AND GASKETS SERIES 520 / 530

### MAIN TECHNICAL FEATURES LOCK NUTS:

- 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.

### MAIN TECHNICAL FEATURES GASKETS:

- 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
<b>EC52007</b>	PG 7	50/1000
<b>EC52009</b>	PG 9	50/1000
<b>EC52011</b>	PG 11	50/1000
<b>EC52013</b>	PG 13,5	50/1000
<b>EC52016</b>	PG 16	50/500
<b>EC52021</b>	PG 21	50/500
<b>EC52029</b>	PG 29	25/500
<b>EC52036</b>	PG 36	25/500
<b>EC52042</b>	PG 42	10/500
<b>EC52048</b>	PG 48	10/500

### Metric threaded lock nuts

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

### Gaskets for PG-threaded cable glands

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

### Gaskets for metric threaded cable glands

ITEM	INTERNAL HOLE mm	PACKAGING PIECES
<b>EC53016M</b>	16,5	100/1000
<b>EC53020M</b>	20,5	100/1000
<b>EC53025M</b>	25,5	100/500
<b>EC53032M</b>	32,5	100/500
<b>EC53040M</b>	40,5	50/500
<b>EC53050M</b>	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: up to 650°C (Glow Wire Test according to IEC 60695-2-11 standard).
- Metric thread 1,5 mm.



GREY RAL 7035

### PG Threaded Caps

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

### Metric threaded Caps

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



## TERMINAL BLOCKS SERIES 890

### MAIN TECHNICAL FEATURES:

- Material: polycarbonate technopolymer.
- Self-extinguishing degree V0 according to UL94 standard.
- Resistance to abnormal heat: up to 960°C (Glow Wire Test according to IEC 60695-2-11 standard).
- 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.

CE

### Transparent unipolar terminal blocks

ITEM	NOMINAL SECTION	NOTES	PACKAGING BLOCKS/BARS
<b>EC890010</b>	1,5 mm <sup>2</sup>	Bar with 10 blocks	10/900 bars
<b>EC890011</b>	2,5 mm <sup>2</sup>	Bar with 10 blocks	10/500 bars
<b>EC890012</b>	4 mm <sup>2</sup>	Bar with 10 blocks	10/400 bars
<b>EC890013</b>	6 mm <sup>2</sup>	Bar with 10 blocks	10/250 bars
<b>EC890014</b>	10 mm <sup>2</sup>	Bar with 10 blocks	10/200 bars
<b>EC890015</b>	16 mm <sup>2</sup>	Bar with 10 blocks	10/100 bars
<b>EC890016</b>	25 mm <sup>2</sup>	Single block	5/450 blocks
<b>EC890017</b>	35 mm <sup>2</sup>	Single block	5/240 blocks

### Equipotential plates with cover

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

