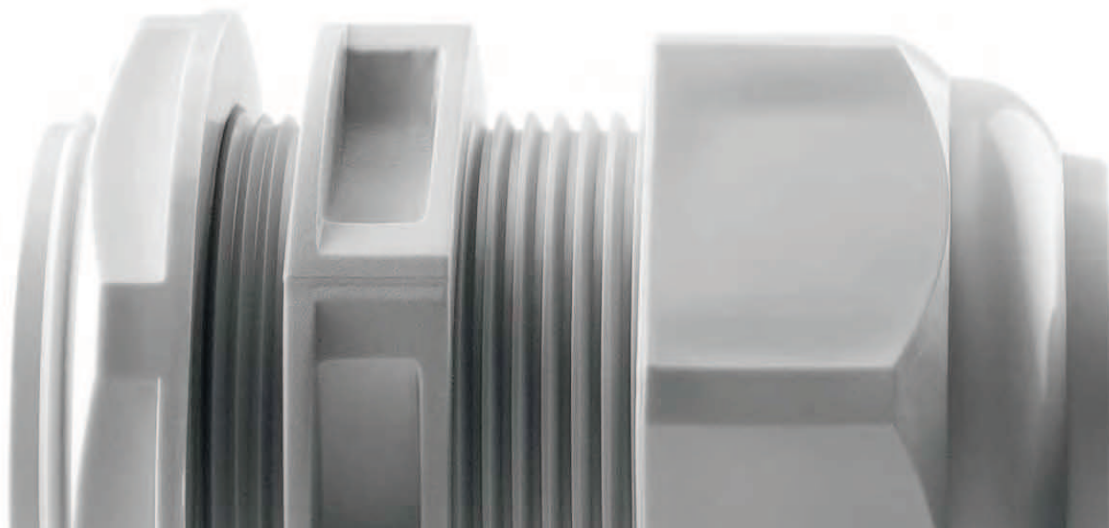




### 3.1

## Installation accessories

- UNION Series
- CABLO Series
- TIES Series
- FASTY Series
- FIXO Series
- RAILDIN Series



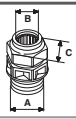
# Installation accessories



3.1

## CABLE GLANDS WITH DEVICE TO PREVENT ANY UNSCREWING

UNION Series

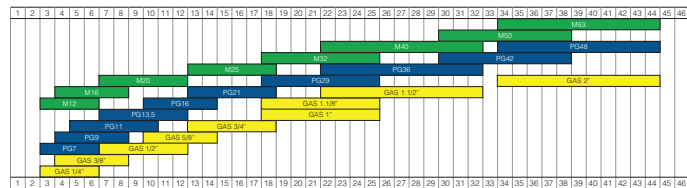


Dimensions mm	ø fixing hole	cable size ø	spanner size	thread length	SPANNER COUPLER (NIM)		WITH NUT			
					nut	seal	Standard	Heavy duty		
							RAL 7035 grey	RAL 7004 grey		
PG7	13	3 - 6	15	9,5	2,5	2,5	805.3340	50/600	805.3350	50/600
PG9	16	4 - 8	19	9,5	4	2,5	805.3341	50/600	805.3351	50/600
PG11	19	5 - 10	22	10	5,5	5	805.3342	25/500	805.3352	25/500
PG13,5	21	7 - 12	24	12	6	5	805.3343	25/500	805.3353	25/500
PG16	23	10 - 14	27	12	6	5,5	805.3344	25/300	805.3354	25/300
PG21	29	13 - 18	33	14	9	7	805.3345	25/400	805.3355	25/400
PG29	37,5	18 - 25	42	15	14	10	805.3346	25/350	805.3356	25/350
PG36	47,5	22 - 32	53	17,5	15	12,5	805.3347	10/140	805.3357	10/140
PG42	54,5	30 - 38	60	19	15	12,5	805.3348	10/100	805.3358	10/100
PG48	60	34 - 44	68	20	15	12,5	805.3349	10/100	805.3359	10/100
M12x1,5	12	3 - 6	15	9,5	2,5	2,5	805.5412	50/600	805.5512	50/600
M16x1,5	16	4 - 8	19	9,5	4	2,5	805.5416	50/600	805.5516	50/600
M20x1,5	20	7 - 12	24	12	6	5	805.5420	25/500	805.5520	25/500
M25x1,5	25	13 - 18	33	14	9	5,5	805.5425	25/400	805.5525	25/400
M32x1,5	32	18 - 25	42	15	14	7	805.5432	25/350	805.5532	25/350
M40x1,5	40	22 - 32	53	17,5	15	11,5	805.5440	10/140	805.5540	10/140
M50x1,5	50	30 - 38	60	19	15	11,5	805.5450	10/100	805.5550	10/100
M63x1,5	63	34 - 44	68	20	15	11,5	805.5463	10/100	805.5563	10/100
1/4"	13	3 - 6	15	9,5	2,5	2,5	805.7340	50/600	805.7350	50/600
3/8"	16	4 - 8	19	9,5	4	2,5	805.7341	50/600	805.7351	50/600
1/2"	21	7 - 12	24	12	6	5	805.7343	25/500	805.7353	25/500
5/8"	23	10 - 14	27	12	6	5,5	805.7344	25/300	805.7354	25/300
3/4"	29	13 - 18	33	14	9	7	805.7345	25/400	805.7355	25/400
1"	37,5	18 - 25	42	15	14	10	805.7346	25/350	805.7356	25/350
1.1/8"	37,5	18 - 25	42	15	14	10	805.7347	10/140	805.7357	10/140
1.1/2"	47,5	22 - 32	53	17,5	15	12,5	805.7348	10/140	805.7358	10/140
2"	60	34 - 44	68	20	15	12,5	805.7349	10/100	805.7359	10/100

(\*) Cable glands are provided without gasket.  
 (\*\*) Fixing type A (metric HD).  
 - STANDARD version: IP66  
 - HEAVY DUTY version IP66 or IP68 (1 bar) if installed with corresponding seal.

WITHOUT NUT		WITH DIAPHRAM AND NUT		WITH DIAPHRAM WITHOUT NUT		LOCK-NUTS		SEALS			
Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard	Standard		
RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7035 grey	RAL 7004 grey		
805.3340.0	50/600	805.3340.1	50/600	805.3340.2	50/600	805.3360	100/1000	805.3370	100/1000	805.3390	100/1000
805.3341.0	50/600	805.3341.1	50/600	805.3341.2	50/600	805.3361	100/1000	805.3371	100/1000	805.3391	100/1000
805.3342.0	25/500	805.3342.1	25/500	805.3342.2	25/500	805.3362	100/1000	805.3372	100/1000	805.3392	100/1000
805.3343.0	25/500	805.3343.1	25/500	805.3343.2	25/500	805.3363	100/1000	805.3373	100/1000	805.3393	100/1000
805.3344.0	25/300	805.3344.1	25/300	805.3344.2	25/300	805.3364	100/1000	805.3374	100/1000	805.3394	100/1000
805.3345.0	25/400	805.3345.1	25/400	805.3345.2	25/400	805.3365	100/1000	805.3375	100/1000	805.3395	100/1000
805.3346.0	25/350	805.3346.1	25/350	805.3346.2	25/350	805.3366	50/500	805.3376	50/500	805.3396	50/500
805.3347.0	10/140	805.3347.1	10/140	805.3347.2	10/140	805.3367	50/500	805.3377	50/500	805.3397	50/500
805.3348.0	10/100	805.3348.1	10/100	805.3348.2	10/100	805.3368	50/500	805.3378	50/500	805.3398	50/500
805.3349.0	10/100	805.3349.1	10/100	805.3349.2	10/100	805.3369	50/500	805.3379	50/500	805.3399	50/500
805.5412.0	50/600	805.5412.1	50/600	805.5412.2	50/600	805.5612	100/1000	805.5712	100/1000	805.5912	100/1000
805.5416.0	50/600	805.5416.1	50/600	805.5416.2	50/600	805.5616	100/1000	805.5716	100/1000	805.5916	100/1000
805.5420.0	25/500	805.5420.1	25/500	805.5420.2	25/500	805.5620	100/1000	805.5720	100/1000	805.5920	100/1000
805.5425.0	25/400	805.5425.1	25/400	805.5425.2	25/400	805.5625	100/1000	805.5725	100/1000	805.5925	100/1000
805.5432.0	25/350	805.5432.1	25/350	805.5432.2	25/350	805.5632	50/500	805.5732	50/500	805.5932	50/500
805.5440.0	10/140	805.5440.1	10/140	805.5440.2	10/140	805.5640	50/500	805.5740	50/500	805.5940	50/500
805.5450.0	10/100	805.5450.1	10/100	805.5450.2	10/100	805.5650	50/500	805.5750	50/500	805.5950	50/500
805.5463.0	10/100	805.5463.1	10/100	805.5463.2	10/100	805.5663	50/500	805.5763	50/500	805.5963	50/500

Cable gland table: METRIC/PG/GAS



ACCESSORIES

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# Installation accessories

## NUTS AND CAPS

UNION Series

IP55

IP55

IP66

IP66

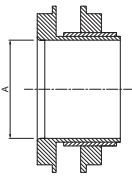


	CABLE SLEEVES (*)		CABLE SLEEVES (▲)				DIAPHRAM CABLE SLEEVE				
	Ø fixing hole	l <sub>1</sub>	Glow wire 650°C	Glow wire 960°C	Glow wire 650°C	Glow wire 960°C	Glow wire 650°C	Glow wire 960°C	Glow wire 650°C	Glow wire 960°C	
PG7	13										
PG9	16										
PG11	19										
PG13,5	21										
PG16	23	805.3304	100/1000	805.3314HF	100/1000	805.3314	100/1000	805.3324HF	100/1000	805.3324	100/1000
PG21	29	805.3305	100/1000	805.3315HF	100/1000	805.3315	100/1000	805.3325HF	100/1000	805.3325	100/1000
PG29	39,5	805.3306	50/500								
PG36	47,5	805.3307	25/200								
PG42	54,5										
PG48	60										
M12x1,5	12										
M16x1,5	16										
M20x1,5	20										
M25x1,5	25										
M32x1,5	32										
M40x1,5	40										
M50x1,5	50										
M63x1,5	63										

COUPLERS (WITH NUT AND SEAL)		BLANKING PLUG (*)	
Standard	Heavy duty		
		805.3385	100/1000
		805.3384	100/1000
		805.3383	100/1000
		805.3382	100/1000
805.3334	10/50	805.3381	100/1000
805.3335	10/50	805.3380	100/1000
805.3336	10/50	805.3386	50/500
805.3337	5/25	805.3387	25/250
		805.3388	25/250
		805.3389	25/250
		805.5840	25/250
		805.5832	50/500
		805.5825	100/1000
805.5225	10/50	805.5325	10/50
		805.5816	100/1000
805.5240	5/25	805.5340	5/25
		805.5850	25/250
		805.5863	25/250

(\*) SCABOX Series type.  
 (▲) CUBIK Series type.  
 (\*) Without nut.

	A	Thread	
		Ø	Pitch
805.3335	22mm	PG21	
805.3336	27,8mm	PG29	
805.3337	38,7mm	PG36	
805.5225	19,6mm	M25x1,5	
805.5325	19,6mm	M25x1,5	
805.5240	33,6mm	M40x1,5	
805.5340	33,6mm	M40x1,5	



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ACCESSORIES



## Installation accessories

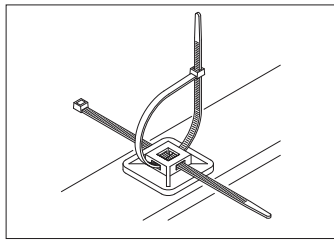
### CABLE TIES FOR INDOOR WIRING

TIES Series

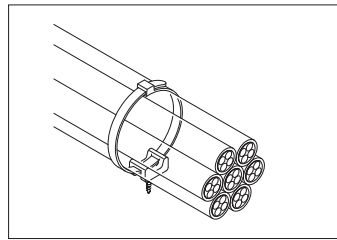
Dimensions (mm)	Grip capacity min-max Ø (mm)	Tensile strength (kg)	⌘	COLOUR	
2.2x75	0.75÷15	6.12	100/2000		839.42080 839.52080
2.5x98	1÷21	8.16	100/2000		839.42100 839.52100
2.5x135	1÷32	8.16	100/2000		839.42120 839.52120
2.6x160	1÷40	8.16	100/2000		839.42160 839.52160
2.6x200	1÷50	8.16	100/2000		839.42200 839.52200
3.6x140	2÷35	13.26	100/2000		839.43140 839.53140
3.6x200	2÷50	13.26	100/2000		839.43200 839.53200
3.6x290	2÷80	13.26	100/2000		839.43300 839.53300
3.6x370	2÷103	13.26	100/2000		839.43370 839.53370
4.8x178	2÷45	22.44	100/2000		839.44190 839.54190
4.8x200	3÷50	22.44	100/2000		839.44200 839.54200
4.8x250	3÷68	22.44	100/2000		839.44250 839.54250
4.8x290	3.5÷79	22.44	100/2000		839.44300 839.54300
4.8x360	3.5÷103	22.44	100/2000		839.44370 839.54370
4.8x430	3.5÷115	22.44	100/2000		839.44430 839.54430
7.8x180	3.5÷45	55.08	100/2000		839.47200 839.57200
7.8x300	4÷80	55.08	100/2000		839.47290 839.57290
7.8x365	8÷100	55.08	100/2000		839.47370 839.57370
9x780	32÷233	71.4	100/1000		839.47780 839.57780

- Good resistance to external agents: oil, grease, oil derivatives, alcohol, saline mist and chlorates. - Colour black: increased resistance to UV rays (not suited for prolonged exposure).  
- Do not withstand UV rays.

#### Adhesive support



#### Vibration resistant support



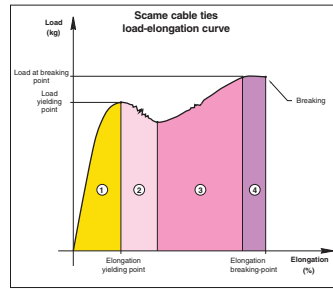
### CABLE TIES FOR OUTDOOR WIRING

TIES Series

Dimensions (mm)	Grip capacity min-max Ø (mm)	Tensile strength (kg)	Colour	⌘	
6x115	4÷25	25		100/2000	839.39/6115
6x175	10÷45	28		100/2000	839.39/6175
9x120	4÷22	48		100/2000	839.39/9120
9x180	10÷42	48		100/2000	839.39/9180
9x265	30÷60	51		100/2000	839.39/9260
9x360	30÷93	51		100/2000	839.39/9350

- Good resistance to external agents: oil, grease, oil derivatives and saline mist. - Withstands UV rays.  
- Rounded edges to avoid cutting into cable insulation.

#### Loading diagram



#### 4 zones with different characteristics are clearly distinguished:

- 1) Elastic elongation (area of use).**  
The cable tie is subjected to traction forces and lengthens, elastically. When the forces are taken away, the tie returns to its initial state, without any alteration of its physical characteristics.
- 2) Stretching of the molecular links.**  
The tie is subjected to such a load that some of the inter-molecular links are broken. The elastic properties are altered.
- 3) Permanent deformity.**  
All the inter-molecular links are broken.
- 4) Breaking-point.**  
Length at which the tie breaks.

## Installation accessories

### FASTENING ACCESSORIES FOR CABLE TIES

TIES Series

Description	Dimensions (mm)	Max cable tie width	Fixing screw	Colour	⌘	
Self-adhesive cable tie base	28,5x28,5mm	4,8mm	-	White	100/1000	<b>839.39/100</b>
Screw-in cable tie base anti-vibration	15,5x22,5mm	4,8mm	M4	White	100/1000	<b>839.39/103</b>

- Max. cable tie width: 4.8 mm.

Description	Dimensions (mm)	Max cable tie width	Depth	Board thickness	Colour	⌘	
Wall anchor base	7-8mm	9mm	40mm	-	Black	100/1000	<b>839.39/101</b>
Panel clip-on base	6,4mm max	4,8mm	-	3mm max	White	100/1000	<b>839.39/102</b>

### PLIERS FOR CLAMPING AND TRIMMING CABLE TIES

TIES Series

Description	Colour	⌘	
Suitable for all cable tie types	Red	1/20	<b>839.39/104</b>

- Made of red stove-enamelled steel.

### SPRUNG CEILING HOOKS

FIXO Series

Description	Thread	⌘	
With open hook and nut	M5	50/500	<b>845.46</b>
With screw, washer and nut	M5	50/500	<b>845.46/1</b>
With washer and 2 nuts	M5	50/500	<b>845.46/2</b>

- To install, fold down the tabs and push them into a 12-mm hole in the ceiling. Once through, the tabs open up and are anchored in the ceiling. - Made of metal.

### FIXING PLUGS

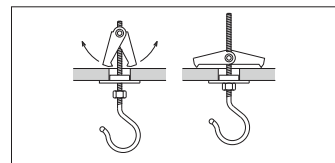
FIXO Series

Description	Colour	⌘	For screws size (mm)	
			WITHOUT SCREWS	WITH SCREWS
ø 4	White	100/2000	ø 1,5-3 <b>846.13-4</b>	3,0 x 25 <b>846.14-4</b>
ø 5	White	100/2000	ø 2,5-4 <b>846.13-5</b>	4,0 x 25 <b>846.14-5</b>
ø 6	White	100/2000	ø 3,5-5 <b>846.13-6</b>	4,5 x 40 <b>846.14-6</b>
ø 7	White	100/2000	ø 4-6 <b>846.13-7</b>	4,5 x 40 <b>846.14-7</b>
ø 8	White	100/2000	ø 4,5-7 <b>846.13-8</b>	5,0 x 40 <b>846.14-8</b>
ø 10	White	100/2000	ø 5-8 <b>846.13-10</b>	6,0 x 50 <b>846.14-10</b>

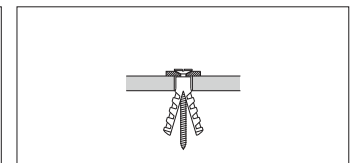
- Suitable for all type of screws (for wood, metal, concrete etc.).  
- Made of thermoplastic material.

- Stainless steel screws.

#### Sprung hook



#### Fixing plug



## Installation accessories

### CABLE SHEATHS

CABLO Series



Dimensions inside Ø mm	Colour	Length	Part No.
2	Black	200/1600	865.002
3	Black	200/2000	865.003
4	Black	100/1000	865.004
5	Black	100/1000	865.005
6	Black	100/800	865.006
	White	100/800	865.106
7	Black	100/600	865.007
8	Black	100/600	865.008
9	Black	100/600	865.009
10	Black	50/400	865.010
12	Black	50/350	865.012
14	Black	50/300	865.014
16	Black	25/200	865.016
18	Black	25/200	865.018
20	Black	25/175	865.020
22	Black	25/150	865.022
24	Black	25/150	865.024
26	Black	25/150	865.026
28	Black	25/150	865.028
30	Black	20/100	865.030
36	Black	20/100	865.036
40	Black	20/100	865.040

- Made of self-extinguishing, soft and flexible insulated thermoplastic material.  
- 0.41 mm thick.

### SPIRAL CABLE BINDING

CABLO Series



Dimensions inside Ø mm	Outside Ø	Colour	Length	Part No.
2	5	White	25/700	865.603
4	6	White	25/600	865.604
6	8	White	25/500	865.606
8	10	White	25/400	865.608
10	12	White	25/200	865.610
12	14	White	20/160	865.612
14	16	White	20/120	865.614

- Made of self-extinguishing, soft and flexible, insulated thermoplastic material.

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ACCESSORIES

3.1

## Cable clips

### FLAT CLIPS

FASTY Series



For cables with width (mm)	Pin (mm)	COLOUR	
3,5	100/5000	830.30/P3	830.30/P3G
5	100/3000	830.30/P5	830.30/P5G
6	100/5000	830.30/P6	830.30/P6G
8	100/3000	830.30/P8	830.30/P8G
11	100/1000	830.30/P11	830.30/P11G
13	100/1000	830.30/P13	830.30/P13G

- Pins made of hardened and nickel-plated steel.
- Clips made of thermoplastic material.
- Pre-inserted pins.

### ROUND CLIPS

FASTY Series



For cables (mm)	Pin (mm)	Pin (mm)	COLOUR	
Ø 3+4	1,8x18	100/5000	830.30/3-4	830.30/3-4G
Ø 5	2 x21	100/5000	830.30/5	830.30/5G
Ø 6	2x21	100/5000	830.30/6	830.30/6G
Ø 7	2x21	100/5000	830.30/7	830.30/7G
Ø 8	2x21	100/5000	830.30/8	830.30/8G
Ø 10	2x27	100/5000	830.30/10	830.30/10G
Ø 12	2x27	100/3000		830.30/12G
Ø 14	2x27	100/3000		830.30/14G
Ø 16	2x35	100/5000		830.30/16G
Ø 19	2,5x45	100/3000		830.30/19G
Ø 22	2,5x45	100/1000		830.30/22G
Ø 26	2,7x50	100/1000		830.30/26G
Ø 28	2,7x60	100/1000		830.30/28G
Ø 32	2,7x60	100/1000		830.30/32G

- Pins made of hardened and nickel-plated steel.
- Clips made of thermoplastic material.
- Pre-inserted pins.

### INSULATED PINS

FASTY Series



Dimensions (mm)	Description	Pin (mm)	
Ø 1,5x14	Packet with 100 pieces	100/1000	818.2

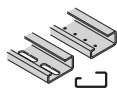
## DIN metallic rails

SCAME

3.1

### G TYPE

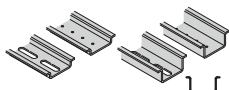
RAILDIN Series



Dimensions (mm)	Description	Weight (Kg/m)	l	
32x15x1,5	Plain DIN rail	0,7	20m	<b>865.210</b>
	Slotted DIN rail (18x6,3 - 25)	0,64	20m	<b>865.211</b>

### TYPE Ω

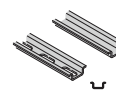
RAILDIN Series



Dimensions (mm)	Description	Weight (Kg/m)	l	
35x7,5x1	Plain DIN rail	0,35	40m	<b>865.220</b>
	Slotted DIN rail (18x6,3 - 25)	0,31	40m	<b>865.221</b>
35x15x1,5	Plain DIN rail	0,68	20m	<b>865.230</b>
	Slotted DIN rail (18x6,3 - 25)	0,61	20m	<b>865.231</b>

### TYPE Ω

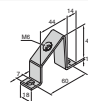
RAILDIN Series



Dimensions (mm)	Description	Weight (Kg/m)	l	
15x5,5x1	Plain DIN rail	0,16	100m	<b>865.240</b>
	Slotted DIN rail (18x6,3 - 25)	0,15	100m	<b>865.241</b>

### SUPPORT BRACKET

RAILDIN Series



Description	Dimensions (mm)	l	
With M6 hole	60x48x1,8	50	<b>865.200</b>

#### DIN metallic rails

##### Steel rail or mounting modular electrical equipment

- Steel, cold lamination.
- Electrolytic zinc coating, followed by passivation and yellow colouring.
- Thickness of zinc coating: 8 micron.

- Length of the rail: 2m.
- Non drilled rail with drilling points provided.
- Drilled rail with slots.





## 3.2

## Connecting accessories

- CONNECTO Series - Wire connectors
- CONNECTO Series - Insulated wire connector strips
- CONNECTO Series - Multi-way wire connectors
- CONNECTO Series - Terminal strips



# Insulated wire connectors

## INSULATED WIRE CONNECTORS T85 - SINGLE

CONNECTO Series



Connecting capacity (mm <sup>2</sup> )	Rated current (A)	Colour	⌘	
1,5	17,5	Green	100/600	810.372/V
		Black	100/600	810.372/N
		Blue	100/600	810.372/B
		Brown	100/600	810.372/M
		Grey	100/600	810.372/G
		Transparent	100/600	810.372/TR
		Assorted (*)	100/600	810.372/AS
2,5	24	Green	100/1000	810.374/V
		Black	100/1000	810.374/N
		Blue	100/1000	810.374/B
		Brown	100/1000	810.374/M
		Grey	100/1000	810.374/G
		Transparent	100/1000	810.374/TR
		Assorted (*)	100/1000	810.374/AS
4	32	Green	100/1000	810.375/V
		Black	100/1000	810.375/N
		Blue	100/1000	810.375/B
		Brown	100/1000	810.375/M
		Grey	100/1000	810.375/G
		Transparent	100/1000	810.375/TR
		Assorted (*)	100/1000	810.375/AS
6	41	Green	100/1000	810.376/V
		Black	100/1000	810.376/N
		Blue	100/1000	810.376/B
		Brown	100/1000	810.376/M
		Grey	100/1000	810.376/G
		Transparent	100/1000	810.376/TR
		Assorted (*)	100/1000	810.376/AS

(\*) Transparent excluded



Connecting capacity (mm <sup>2</sup> )	Rated current (A)	Colour	⌘	
10	57	Green	100/1000	810.378/V
		Black	100/1000	810.378/N
		Blue	100/1000	810.378/B
		Brown	100/1000	810.378/M
		Grey	100/1000	810.378/G
		Transparent	100/1000	810.378/TR
		Assorted (*)	100/1000	810.378/AS
16	76	Green	50/500	810.379/V
		Black	50/500	810.379/N
		Blue	50/500	810.379/B
		Brown	50/500	810.379/M
		Grey	50/500	810.379/G
		Transparent	50/500	810.379/TR
		Assorted (*)	50/500	810.379/AS
25	101	Transparent	10/100	810.425/TR
35	125	Transparent	5/250	810.435/TR

(\*) Transparent excluded.

## INSULATED WIRE CONNECTORS T85 - STRIPS

CONNECTO Series



Connecting capacity (mm <sup>2</sup> )	Pitch (mm)	Length (mm)	Colour	⌘	
1,5	9,8	96	Transparent	10/200	812.372
2,5	12,2	120	Transparent	10/400	812.374
4	12,2	120	Transparent	10/400	812.375
6	14,7	145	Transparent	10/200	812.376
10	17,0	168	Transparent	10/150	812.378
16	21,3	211	Transparent	10/60	812.379

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ACCESSORIES



# Multi-way wire connectors

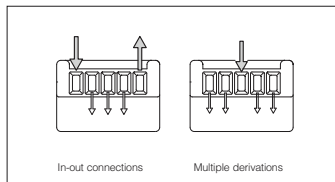
## MULTI-WAY WIRE CONNECTORS - T85

CONNECTO Series

Connecting capacity (mm <sup>2</sup> )	N° of ways	Conductor n° size	Dimensions axbxc	⊞	
6	2	2x6mm <sup>2</sup>	23x31x24	25/650	⊕ 817.0602
	3	3x6mm <sup>2</sup>	31x31x24	25/400	⊕ 817.0603
	5	5x6mm <sup>2</sup>	49x31x24	10/270	⊕ 817.0605
16	2	2x16mm <sup>2</sup>	33x28x24	10/270	⊕ 817.1602
	3	3x16mm <sup>2</sup>	45x28x24	10/270	⊕ 817.1603
	5	5x16mm <sup>2</sup>	71x38x24	10/260	⊕ 817.1605
35	2	2x35mm <sup>2</sup>	35x46x30	10/160	⊕ 817.3502
	3	3x35mm <sup>2</sup>	49x46x30	10/260	⊕ 817.3503



Connecting capacity (mm <sup>2</sup> )	N° of ways	Conductor n° size	Dimensions axbxc	⊞	
16	6	2x16mm <sup>2</sup>	66x38x24	10/260	⊕ 817.1606C
		4x6mm <sup>2</sup>			
35	6	2x35mm <sup>2</sup>	83x46x30	10/120	⊕ 817.3506C
		4x16mm <sup>2</sup>			



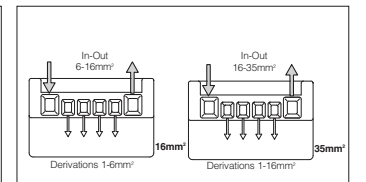
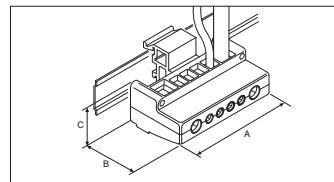
## ACCESSORIES

CONNECTO Series

Description	⊞	
DIN rail bracket	10/500	⊕ 817.001



The bracket for the DIN rail is the same for all versions of the multi-way wire connectors and is designed for spring-fixing onto the rail "OMEGA" and "G". It is detached from the rail by using a screw-driver.



### Multi-way wire connector - T85

- Cage clamp connectors.
- Captive screws.
- Rated voltage 450V~.
- Max. service temperature, continuous duty: 85 °C.

- Engineering plastic casing.
- Self-extinguishing material in compliance with IEC 60695-2-1 (850°C).
- Protection degree: IP20- Protection provided by a 2P 6 A MCB characteristic D.



# Terminal strips

## T140 TERMINAL STRIPS

CONNECTO Series



Connecting capacity (mm <sup>2</sup> )	Pitch (mm)	Dimen. (mm)	Fixing hole Ø (min)	Rated voltage	l <sub>1</sub>	
2,5	8	95,5x15,5x16	2,6	250V~	50/800	815.1361
4	10	120x16,6x17,4	3,5	450V~	50/400	815.1362
6	10	120x16,6x17,4	3,5	450V~	50/400	815.13625
10	11,5	138x23,5x20,5	3,5	450V~	25/300	815.1363
16	14,5	174x30x24	4,3	450V~	25/150	815.1364
25	17,5	210x38x36	4,3	750V~	15/60	815.1365
35	22	264x46x39	5,5	750V~	10/40	815.1366

- Max. service temperature - continuous duty: 140°C.  
 - Colour: natural.  
 - 12 poles.

## T85 TERMINAL STRIPS

CONNECTO Series



Connecting capacity (mm <sup>2</sup> )	Pitch (mm)	Dimen. (mm)	Fixing hole Ø (mm)	Rated voltage	l <sub>1</sub>		
2,5	8	95,5x15,5x16	2,6	250V~	50/800	815.2361	815.2361B
4	10	120x16,6x17,4	3,5	450V~	50/400	815.2362	815.2362B
6	10	120x16,6x17,4	3,5	450V~	50/400	815.23625	815.23625B
10	11,5	138x23,5x20,5	3,5	450V~	25/300	815.2363	815.2363B
16	14,5	174x30x24	4,3	450V~	25/150	815.2364	815.2364B
25	17,5	210x38x36	4,3	750V~	15/60	815.2365	815.2365B
35	22	264x46x39	5,5	750V~	10/40	815.2366	815.2366B

- Max. service temperature - continuous duty: 85°C.  
 - 12 poles.  
 - Colour: black or white.

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ACCESSORIES

### Terminal strips

- Nickel-plated brass terminals.
- Captive screws of zinc-plated steel.
- Engineering plastic casing.
- Self-extinguishing material in compliance with IEC 60695-2 standard 850°C.



# Domino terminal blocks

## TERMINAL BLOCKS WITHOUT INSULATED BASE - IP00

CONNECTO Series



For enclosure	Type	DIN modules	⊞
DOMINO Series	Flush mounting	IP40 8-12-24-18-36-54	
MBOX Series	MBOX2 - MBOX3		10/100
BLOCK Series	BLOCK4		

- Earth/neutral terminal blocks  
- Terminals: 1x (5x10mm<sup>2</sup> and 5x16mm<sup>2</sup>).

## TERMINAL BLOCKS FOR DIN RAIL - IP20

CONNECTO Series



Description	⊞
Vertical	10/100
Horizontal	10/100

- Phase R-S-T and earth/neutral terminal blocks  
- Terminals: 1x (5x10mm<sup>2</sup> and 5x16mm<sup>2</sup>).

## MODULAR TERMINAL BLOCKS - IP20

CONNECTO Series



For enclosure	Type	DIN modules	⊞
DOMINO Series	Surface mounting	IP66 4	10
		8	10
		12-24	10
		16-32-48-64	10

654.0365  
654.0363  
654.0361 (\*)  
654.0361C (+)  
654.0362 (\*\*)  
654.0362C (\*\*)



For enclosure	Type	DIN modules	⊞
DOMINO Series	Surface mounting	IP40 8	10
		12-24	10
		18-36-54	10
		18-36-54	10

654.0361 (\*)  
654.0361C (+)  
654.0362 (\*\*)  
654.0362C (\*\*)  
654.0364 (\*\*\*)  
654.0364C (\*\*\*)



For enclosure	Type	DIN modules	⊞
DOMINO Series	Flush mounting	IP40 8	10
		12-18-24-36-54	10
		12-18-24-36-54	10

654.0361 (\*)  
654.0361C (+)  
654.0362 (\*\*)  
654.0362C (\*\*)



For enclosure	Type	DIN modules	⊞
DOMINO Series	Flush and surface mounting	IP66 and IP40 Additional terminal block	10

654.0360

- For earth, phase and neutral conductors  
- Insulated by a plastic cover for the connection of the flexible cables  
- There is special left.  
(\*) for one additional terminal block  
(\*\*) for two additional terminal blocks  
(\*\*\*) for three additional terminal blocks.

(\*) Complete terminal block, supplied with one additional terminal block art. 654.0360.  
(\*\*) Complete terminal block, supplied with two additional terminal blocks art. 654.0360.  
(\*\*\*) Complete terminal block, supplied with three additional terminal blocks art. 654.0360.

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ACCESSORIES





3.3

### Conduit installation accessories


- SMART Series
- TUBE Series
- FIXER Series



## Conduit installation accessories

### COUPLING ACCESSORIES - IP66/IP67

SMART Series



Conduit Ø mm	Colour	90° BEND		CONDUIT COUPLING		SPIRAL SHEATH		CONDUIT TO SHEATH COUPLING		CONDUIT TO BOX COUPLING			
		Part No.	Length (mm)	Part No.	Length (mm)	Internal Ø (mm)	Equal Diameter (mm)	Part No.	Length (mm)	Part No.	Length (mm)		
16	Grey	866.216	10/200	866.316	10/200	16	866.816	10/240	M16x1,5	16+18	Ø26	866.516	10/240
20	Grey	866.220	10/200	866.320	10/200	20	866.820	10/240	M20x1,5	20+22	Ø30	866.520	10/240
25	Grey	866.225	10/160	866.325	10/160	25	866.825	10/200	M25x1,5	25+28	Ø35	866.525	10/200
32	Grey	866.232	10/100	866.332	10/100	32	866.832	10/100	M32x1,5	32+35	Ø46	866.532	10/100
40	Grey	866.240	5/50	866.340	5/50	40	866.840	5/60	M40x1,5	40+44	Ø55	866.540	5/60
50	Grey	866.250	5/30	866.350	5/30	50	866.850	5/40	M50x1,5	50+54	Ø62	866.550	5/40

(▲) Protection degree: IP66



#### Co-injection moulded gasket

The use of a co-injection moulding system makes it possible to turn the technopolymer gasket into an extension of the piece and disguise it as part of the pipe. It also provides a greater degree of sealing efficiency and makes it easier to insert pipe fittings without squashing or deforming the gasket.



## Conduit installation accessories

### COUPLING ACCESSORIES - IP40

TUBE Series



Conduit Ø mm	Colour	INSPECTION ELBOW	FLAT TEE INSPECTION	BEND WITH TWO COUPLINGS	CONDUIT COUPLING
16	Grey	860.1116/G 50/800	860.1216/G 50/800	862.916/G 50/800	862.1016/G 100/1200
20	Grey	860.1120/G 50/600	860.1220/G 50/400	862.920/G 50/400	862.1020/G 100/800
25	Grey	860.1125/G 50/400	860.1225/G 25/300	862.925/G 25/200	862.1025/G 50/600
32	Grey	860.1132/G 25/200	860.1232/G 20/160	862.932/G 25/150	862.1032/G 50/300
40	Grey			862.940/G 15/60	862.1040/G 20/160
50	Grey			862.950/G 10/40	862.1050/G 20/120

### CONDUIT COUPLING FOR FLEXIBLE TUBE

TUBE Series



Conduit Ø (mm)	Colour	Length	Part Number
16	Transparent	100/2000	862.1916
20	Transparent	100/1200	862.1920
25	Transparent	100/700	862.1925
32	Transparent	100/400	862.1935
40	Transparent	300	862.1940
50	Transparent	150	862.1950

### COUPLING ACCESSORIES - IP65

TUBE Series



Conduit Ø mm	Colour	BEND WITH TWO COUPLINGS	90° FLEXIBLE BEND	CONDUIT COUPLING
16	Grey	864.216 50/600	864.2016 50/800	864.316 50/800
20	Grey	864.220 50/400	864.2020 50/600	864.320 50/600
25	Grey	864.225 25/200	864.2025 50/400	864.325 50/400
32	Grey	864.232 25/100	864.2032 25/300	864.332 25/200
40	Grey	864.240 15/60	864.2040 25/200	864.340 20/160
50	Grey	864.250 10/40	864.2050 15/120	864.350 10/80

- The internal seal ensures IP65 protection even in the case of dilation due to temperature changes.  
- Made of rigid, insulated, self-extinguishing and impact-resistant thermoplastic material.



## Conduit installation accessories

SCAME

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### CONDUIT TO BOX COUPLINGS

TUBE Series



External conduit Ø (mm)	Metric thread	Fixing hole Ø (mm)	Overall Ø (mm)	ℓ	
16	M16x1,5	16÷18	Ø 26	50/800	⊕ 864.516
20	M20x1,5	20÷22	Ø 30	50/600	⊕ 864.520
25	M25x1,5	25÷28	Ø 35	50/400	⊕ 864.525
32	M32x1,5	32÷35	Ø 46	25/300	⊕ 864.532
40	M40x1,5	40÷44	Ø 55	25/200	⊕ 864.540
50	M50x1,5	50÷54	Ø 62	15/120	⊕ 864.550

- Supplied complete with locknut and seal.

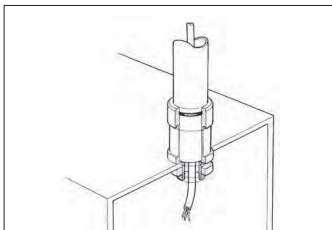
### FLEXIBLE JOINTS FOR RIGID-BOX TUBE CONNECTIONS - IP65

TUBE Series



External conduit Ø (mm)	Metric thread	Fixing hole Ø (mm)	Overall Ø (mm)	ℓ	
16	M16x1,5	16÷18	Ø 26	50/800	864.9016
20	M20x1,5	20÷22	Ø 30	50/600	864.9020
25	M25x1,5	25÷28	Ø 35	50/400	864.9025
32	M32x1,5	32÷35	Ø 46	25/300	864.9032
40	M40x1,5	40÷44	Ø 55	25/200	864.9040
50	M50x1,5	50÷54	Ø 62	15/120	864.9050

- Supplied complete with threaded bush and relative gasket.



The internal seal ensures IP65 protection even in cases of expansion due to high temperatures.

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### CONDUIT TO SHEATH COUPLINGS - IP65

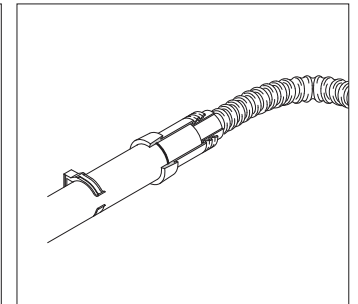
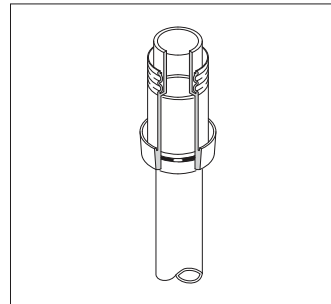
TUBE Series



External conduit Ø (mm)	Internal sheath Ø (mm)	ℓ	TUBE Series	
			NORMAL	WITH BUSH
16	12	50/800	⊕ 864.716	864.7016
	16	50/600	⊕ 864.816	864.8016
20	16	50/600	⊕ 864.720	864.7020
	20	50/400	⊕ 864.820	864.8020
25	20	50/400	⊕ 864.725	864.7025
	25	25/200	⊕ 864.825	864.8025
32	25	25/200	⊕ 864.732	864.7032
	32	20/160	⊕ 864.832	864.8032
40	32	20/160	⊕ 864.740	864.7040
	40	15/120	⊕ 864.840	864.8040
50	40	15/120	⊕ 864.750	864.7050
	50	10/80	⊕ 864.850	864.8050

The internal seal ensures IP65 protection even in cases of expansion due to high temperatures.

Rigid conduit and flexible sheath coupling for surface installations.



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ACCESSORIES



## Conduit installation accessories

### SHEATH TO BOX COUPLINGS - IP65

TUBE Series



Thread	Sheath Ø (mm)	Fixing hole Ø (mm)	Overall Ø (mm)	L	TUBE Series	
					NORMAL	WITH BUSH
PG11	12	18=20	25	50/1200	864.601	864.0601
PG13,5	12	20=22	25	50/1200	864.603	864.0603
	16	20=22	30	50/800	864.605	864.0605
PG16	16	22=24	30	50/800	864.606	864.0606
PG21	20	28=30	34	50/400	864.607	864.0607
PG29	25	36=38	41	25/300	864.609	864.0609
PG36	32	46=50	56	25/200	864.611	864.0611(*)
M16x1,5	10			50/1200	864.651	-
	12			50/1200	864.653	864.0653
M20x1,5	16			50/800	864.655	864.0655
M25x1,5	20			50/400	864.657	864.0657
M32x1,5	25			25/300	864.659	864.0659
M40x1,5	32			25/200	864.661	864.0661
M50x1,5	40			15/120	864.663	864.0663
M63x1,5	50			10/80	864.665	864.0665

(\*) L = 20/160  
- Supplied complete with threaded ring nut and gasket.

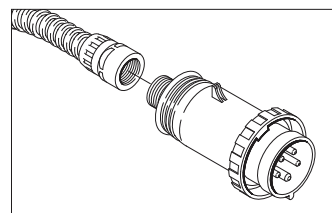
### SHEATH TO EUREKA COUPLING - IP65

TUBE Series



Ø Sheath (mm)	Metric thread	EUREKA Series	L	Part Number
20	M27x1,5	16A 2P+E	10/80	864.920
		16A 3P+E		
22	M32x1,5	16A 3P+N+E	10/80	864.922
		32A 2P+E		
		321A 3P+E		
20	M36x1,5	32A 3P+N+E	10/80	864.925
28			10/80	864.928

- For connecting flexible conduit and EUREKA serie plugs and connectors.



Flexible conduit to EUREKA coupling

# Conduit installation accessories

## CONDUIT FIXING ACCESSORIES

FIXER Series



Conduit Ø mm	Colour	SNAP CLIP	COLLAR NUMBER	SNAP CLIP WITH PLUG AND SCREW
16		860.1316/G 100/1000	860.1516 100/1000	860.2016 100/1000
20		860.1320/G 100/1000	860.1520 100/1000	860.2020 100/1000
25		860.1325/G 100/800	860.1525 100/800	860.2025 100/800
32		860.1332/G 100/800	860.1532 50/500	860.2032 50/400
40		860.1340/G 50/400	860.1540 50/400	
50		860.1350/G 25/250	860.1550 25/250	

- Made of engineering plastic.

- Screws made of zinc-plated steel.

## COLLAR CLIPS

FIXER Series

Conduit Ø (mm) from to	Colour	Part Number
13 32		860.1616
40 63		860.1640

## CLAMP TUBE CLIPS CASING HOLDERS/TUBE HOLDERS

FIXER Series

Conduit Ø (mm) from to	Sheet Ø (mm) from to	Colour	Part Number
16 20	14 22		860.01620
25 32	23 35		860.02532
40 50	38 50		860.04050

## CONDUIT FIXING ACCESSORIES

FIXER Series



Conduit Ø mm	SPACER BRACKET WITH M6 THREADED BASE	HALF-SADDLE STANDARD TYPE	HALF-SADDLE HEAVY DUTY TYPE	SADDLE
10÷11	820.610 100/1000	820.710 200/1000	820.710/P 100/1000	820.810 100/1000
12÷13	820.612 100/1000	820.712 200/1000	820.712/P 100/1000	820.813 100/1000
14÷15	820.614 100/1000	820.714 200/1000	820.714/P 100/1000	
16÷17	820.616 100/1000	820.716 100/1000	820.716/P 100/1000	820.816 100/1000
19÷20	820.620 100/1000	820.720 100/1000	820.720/P 100/1000	820.819 100/1000
21÷22	820.622 100/1000	820.722 100/1000	820.722/P 100/1000	820.822 100/1000
25÷26	820.625 100/1000	820.725 100/1000	820.725/P 100/1000	820.826 100/1000
28÷29	820.628 100/1000			820.828 100/1000
31÷32	820.632 100/1000		820.732/P 100/1000	820.832 100/1000
38÷40	820.640 100/1000		820.740/P 100/500	820.838 100/1000
48÷50	820.650 50/400		820.750/P 50/500	820.850 50/500

- Made of zinc-bichromate steel.

### HALF SADDLES - Heavy duty type

	Thickness	Width	Slot dimensions
820.710P	1,1	14	12x6
820.712P	1,2	14	14x7
820.714P	1,3	14	12x6
820.716P	1,2	14	12x6
820.720P	1,2	14	12x6
820.722P	1,2	14	12x6
820.725P	1,1	14	12x6
820.732P	1,9	16	13x6
820.740P	1,7	15	13x6
820.750P	1,7	15	13x6

### SPACER BRACKET WITH M6 THREADED BASE

	Thickness	Width
820.610	1,2	14
820.612	1,2	14
820.614	1,2	14
820.616	1,2	14
820.620	1,2	15
820.622	1,2	15
820.625	1,2	15
820.628	1,2	16
820.632	1,2	16
820.640	1,2	16
820.650	1,2	16

### HALF SADDLES - Standard type

	Thickness	Width	Slot dimensions
820.710	0,8	10	6x4,4
820.712	0,8	10	6x4,4
820.714	0,8	10	6x4,4
820.716	1	12	6x4,4
820.720	0,9	12	6x4,4
820.722	0,8	14	7,7x4,4
820.725	0,9	14	6,7x4,8

### SADDLES

	Thickness	Width	Slot dimensions
820.810	0,9	10	5x5
820.813	0,9	10	5x5
820.816	0,9	12	5x6,5
820.819	0,9	12	5x6,5
820.822	0,9	14	6,5x8,5
820.826	0,9	14	6,5x8,5
820.828	0,9	14	6,5x8,5
820.832	0,9	14	6,5x10
820.838	0,9	14	6,5x10
820.850	0,9	14	6,5x10

1  
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ACCESSORIES

