GIFAS
ELECTRIC



ES POWER COLUMNS

Aluminium power columns for indoor and outdoor use

ELECTRIC SOLUTIONS

V1026

Overview

Thanks to the ES power columns from GIFAS electrical power is available everywhere without complicated temporary installations! As with all products, we give much importance to high-quality components and workmanship.

Benefits:

- for outdoor and indoor use
- slim and compact design
- easy installation
- different models available (ES 100, ES 160, ES 230)
- customizable to your specific needs (height, colour, outlets)

Suitable for:

- power
- water
- data
- video, audio
- card readers for automatic doors

Applications:

- parks and gardens
- camp sites / caravan parks
- marinas / harbours
- resorts, hotels
- sports facilities / golf courses
- car/bicycle parking places
- workshops
- industrial plants
- schools / training facilities
- hospitals
- airports

Our service:

- tailor- made, customised solutions
- manufacturing from small to large quantities
- technical drawings
- local support by our distribution partners

What information is needed for bespoke design:

GIFAS provides you with tailor made, project specific drawings and specifications. The following information is needed:

- type and number of outlets
- infos on MCB, RCD, RCBO etc.
- isolator switch needed?
- type and dimension of supply cable?
- max. pre-fuse?
- preferred height?
-

Please contact our local distribution partners, our Sales team or send an e-mail directly to: export@gifas.ch for project specific enquiries.

Example drawings:

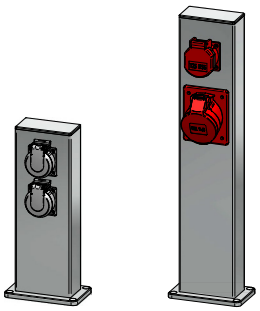
On page 4 - 10 you can find some examples of ES power columns.



Overview

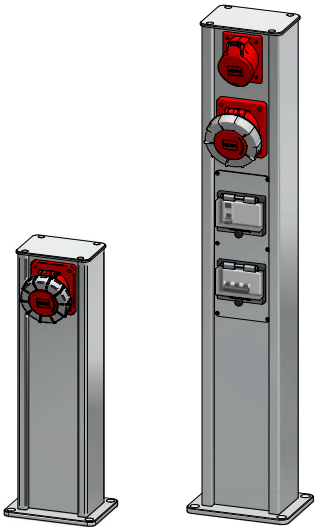
ES power columns are made from seawater resistant anodised aluminium and come in 3 standard dimensions (length is depending on the specific article):

ES 100



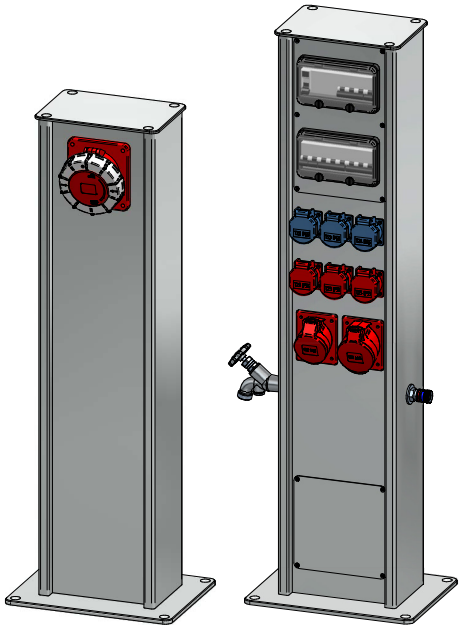
Dimension:	100×50 mm (W×D)
Outlets:	up to 16 A CEE
Protection:	without protection
terminal block:	up to 16 mm²
IP:	max. IP65
Options:	spikes for installation in soft ground

ES 160



Dimension:	160×110 mm (W×D)
Outlets:	up to 63 A CEE
Protection:	according to requirements
terminal block:	up to 16 mm²
IP:	max. IP65
Options:	– LED luminaire (top mounted) – water tap (e.g. 1/2“) – compressed air coupling (1/2“)

ES 230



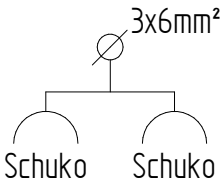
Dimension:	230×150 mm (W×D)
Outlets:	up to 125 A CEE
Protection:	according to requirements
terminal block:	up to 70 mm²
IP:	max. IP65
Options:	water tap (e.g. 1/2“) compressed air coupling (1/2“)

Power column type ES 100

ES 100 (Item no. 195042)
Aluminium power column type ES 100

Dimension:	100×50 mm
Height:	300 mm
Dim. mounting flange:	130×80 mm
IP rating:	IP54
Material:	seawater resistant aluminium
Colour:	silver, colourless anodised

Equipment:
2 sockets SCHUKO 16 A/230 V P+N+E IP54 (grey)
1 terminal block 3×6 mm² WOERTZ





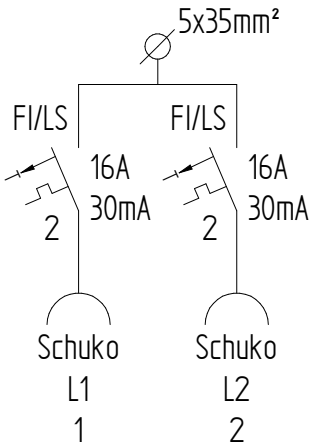
Power column type ES 160

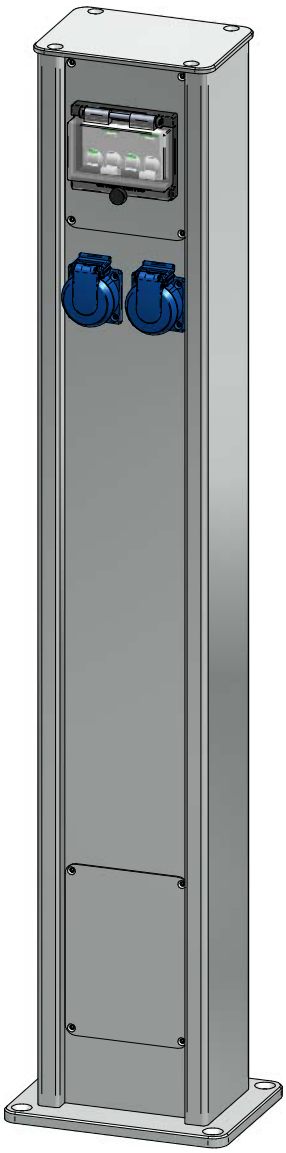
ES 160 (Item no. 273348)
Aluminium power column type ES 160

Dimension:	160×110 mm
Height:	1'000 mm
Dim. mounting flange:	210×160 mm
IP rating:	IP54
Material:	seawater resistant aluminium
Colour:	silver, colourless anodised

Equipment:
2 sockets SCHUKO 16 A/230 V P+N+E IP54

1 protective cover IP65
2 RCBOs ISKRA 1N – 16 A/30 mA 'C' 10 kA
1 terminal block 5×35 mm² WOERTZ





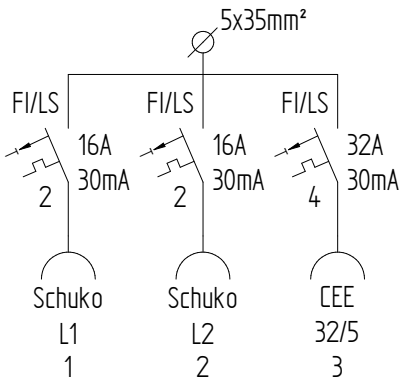
Power column type ES 160

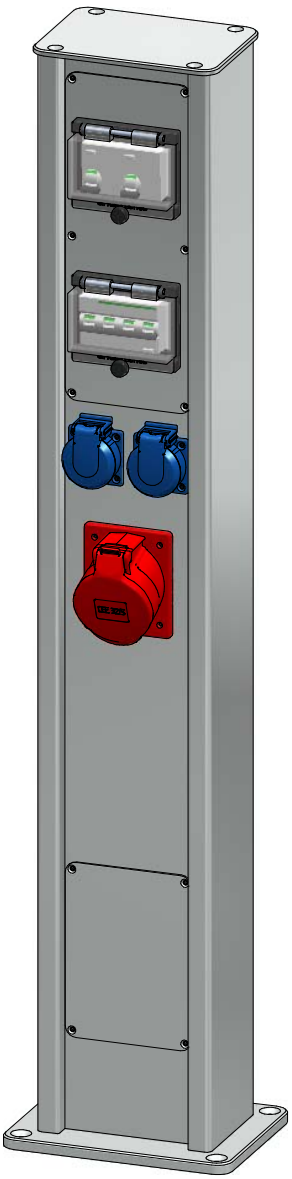
ES 160 (Item no. 273353)
Aluminium power column type ES 160

Dimension:	160×110 mm
Height:	1'000 mm
Dim. mounting flange:	210×160 mm
IP rating:	IP44
Material:	seawater resistant aluminium
Colour:	silver, colourless anodised

Equipment:
2 sockets SCHUKO 16 A/230 V P+N+E IP54
1 socket CEE 32 A/400 V 3 P+N+E IP44

1 protective cover IP65
2 RCBOs ISKRA 1N – 16 A/30 mA 'C' 10 kA
1 RCBO ISKRA 3N – 32A/30 mA 'C' 10 kA
1 terminal block 5×35 mm² WOERTZ





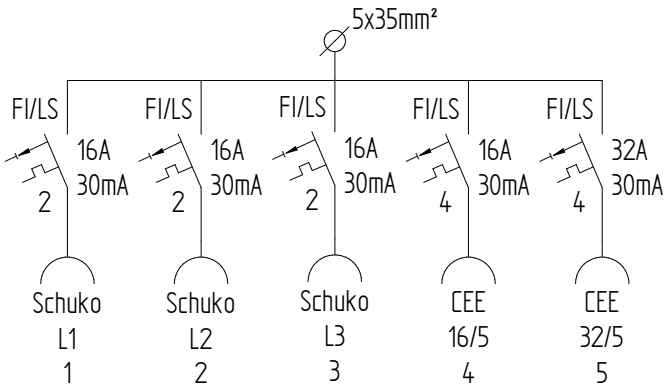
Power column type ES 230

ES 230 (Item no. 273355)
Aluminium power column type ES 230

Dimension:	230×150 mm
Height:	1'000 mm
Dim. mounting flange:	295×250 mm
IP rating:	IP44
Material:	seawater resistant aluminium
Colour:	silver, colourless anodised

Equipment:
3 sockets SCHUKO 16 A/230 V P+N+E IP54
1 socket CEE 16 A/400 V 3P+N+E IP44
1 socket CEE 32 A//400 V 3P+N+E IP44

2 protective covers IP67
3 RCBOs ISKRA 1N – 16 A/30 mA 'C' 10 kA
1 RCBO ISKRA 3N – 16 A/30 mA 'C' 10 kA
1 RCBO ISKRA 3N – 32 A/30 mA 'C' 10 kA
1 terminal block 5×35 mm² WOERTZ





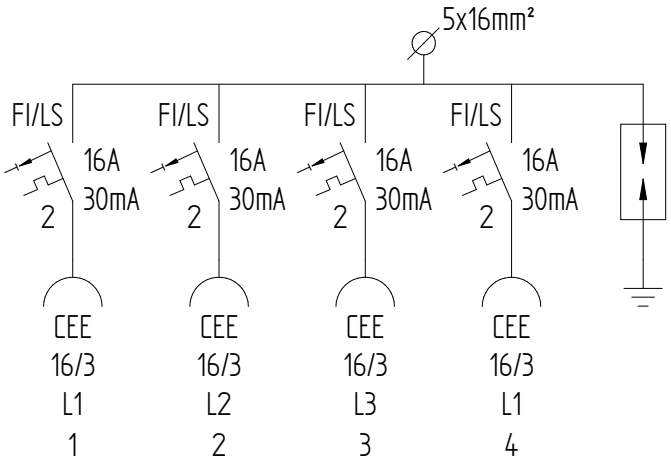
Power column type ES 160

ES 160 Marina (Item no. 274093)
Aluminium power column type ES 160

Dimension:	160×110 mm
Height:	1'000 mm
Dim. mounting flange:	210×160 mm
IP rating:	IP44
Material:	seawater resistant aluminium
Colour:	silver, colourless anodised

Equipment:
4 sockets CEE 16 A/230 V 3 P+N+E IP44

3 protective covers IP65
4 RCBOs ISKRA 1N – 16 A/30 mA 'C' 10 kA
1 lightning/surge arrester PHOENIX FLT-MB-T1-264/25-W+1-UT-R
1 terminal block 5×16 mm² WOERTZ





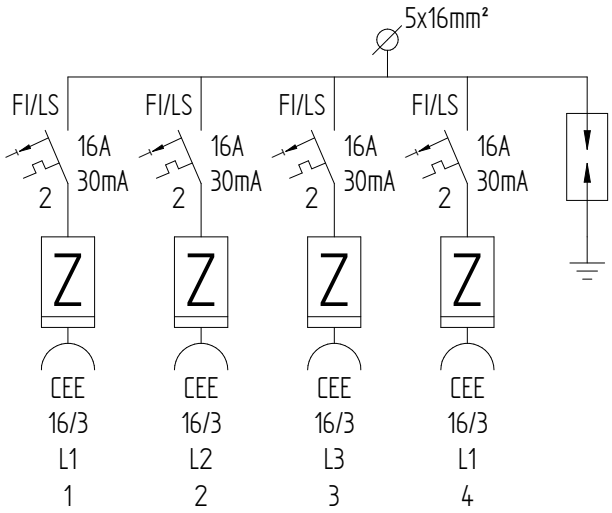
Power column type ES 160

ES 160 Marina with energy meter (Item no. 274094)
Aluminium power column type ES 160

Dimension:	160×110 mm
Height:	1'000 mm
Dim. mounting flange:	210×160 mm
IP rating:	IP44
Material:	seawater resistant aluminium
Colour:	silver, colourless anodised

Equipment:
4 sockets CEE 16 A/230 V 3 P+N+E IP44

4 protective covers IP65
4 RCBOs ISKRA 1N – 16 A/30 mA 'C' 10 kA
4 energy meters FINDER 1 P-230 V 32 A 1-tarif M-BUS, MID, direct
1 lightning/surge arrester PHOENIX FLT-MB-T1-264/25-W+1-UT-R
1 terminal block 5×16 mm² WOERTZ





Power column type ES 160

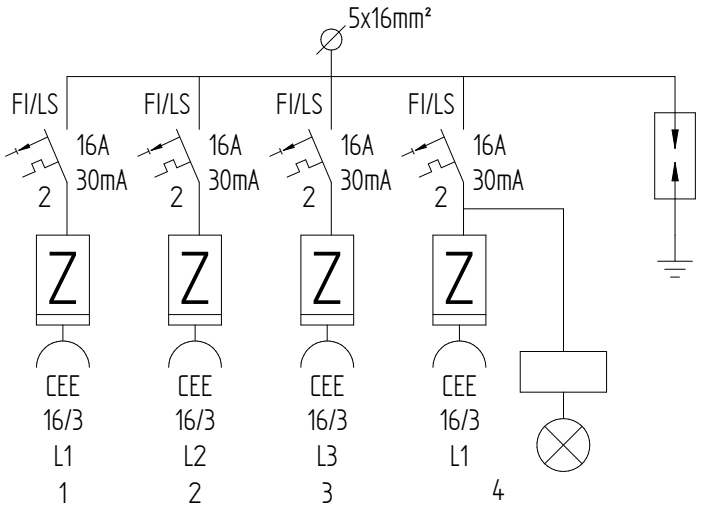
ES 160 Marina with energy meter an lighting head (Item no. 274092)
Aluminium power column type ES 160

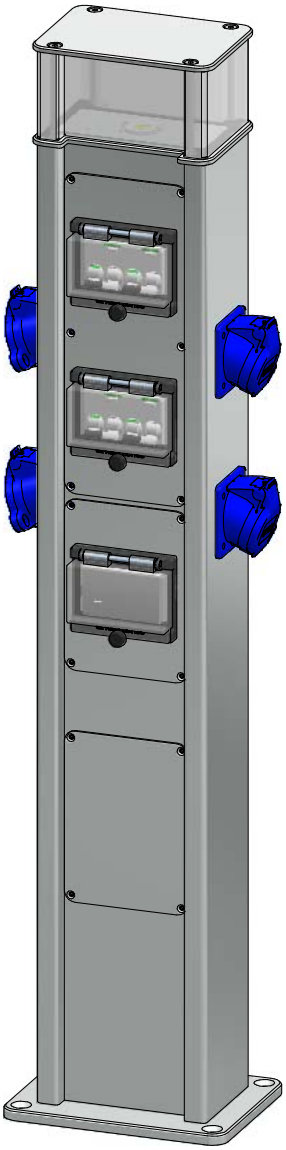
Dimension:	160×110 mm
Height:	1'000 mm
Dim. mounting flange:	210×160 mm
IP rating:	IP44
Material:	seawater resistant aluminium
Colour:	silver, colourless anodised

Equipment:
4 sockets CEE 16 A/230 V 3P+N+E IP44

3 protective covers IP65
4 RCBOs ISKRA 1N – 16 A/30 mA 'C' 10 kA
4 energy meters FINDER 1P-230 V 32 A 1-tarif M-BUS, MID, direct

1 lighting head 2'170 lm/3'000 K
1 twilight switch FINDER 10 lux 16 A/230 VAC IP54
1 lightning/surge arrester PHOENIX FLT-MB-T1-264/25-W+1-UT-R4
1 terminal block 5×16 mm² WOERTZ





Examples

Examples outdoor













Examples indoor







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