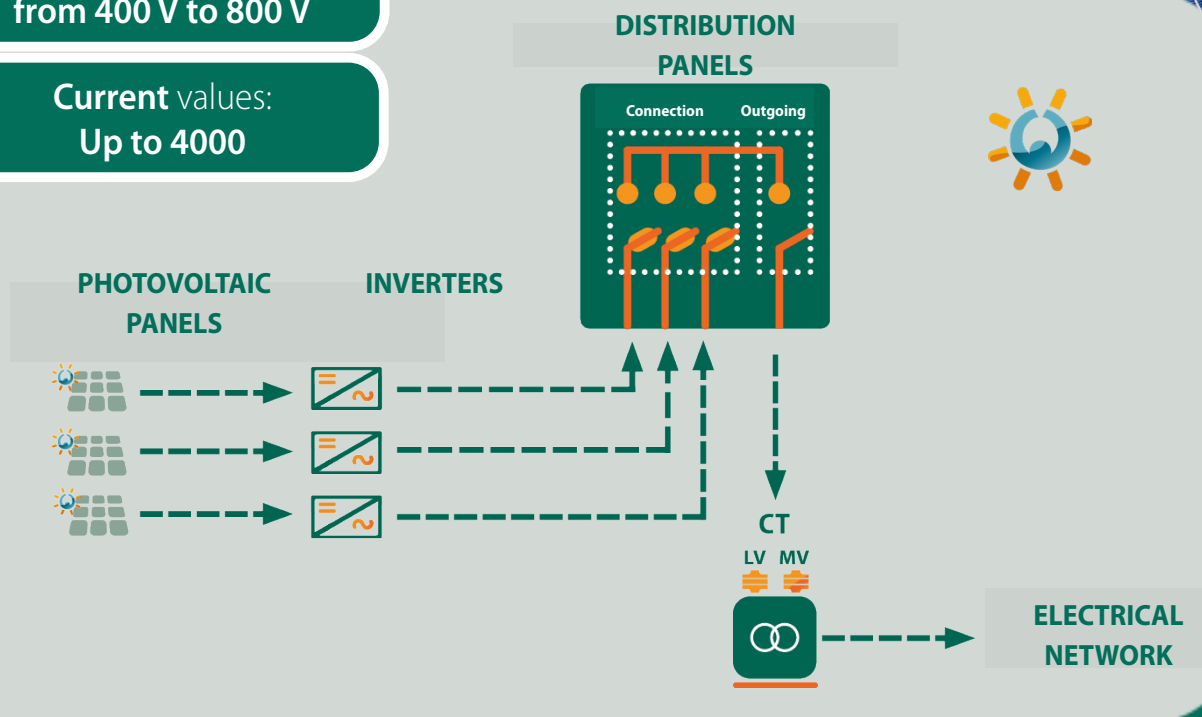


## 2 AC Combiner Panels

*Indoor and outdoor applications*

**Voltage values:**  
from 400 V to 800 V

**Current values:**  
Up to 4000



Pronutec presents its new Inverter AC Combiner Panels range. Working voltages from 400 V to 800 V in AC grids, both in indoor and outdoor installations. Wide range of: currents, number of inputs, different switching devices, surge protection and auxiliary services.

These panels are the ones that are different connected to the transformer in the Transformer Station. The panel collects the cables from the inverter, through the bottom from by means of fuse switch NH 00/1/3. These fuse switches have been tested and are capable for working at voltages up to 800 Vac.

▶ RANGE OF PANELS (different options)

- Voltage 400/500/690/800 V AC
- Number of poles (3) – (3 + N)
- Application: indoor / outdoor
- N° of inputs / current

### METALLIC INDOOR PANELS

- Model 1.** Bottom incoming - Top outgoing.  
Maximum 6 incomings BTVC-DT NH 1/3 or 12 incomings BTVC-DT NH 00.
- Model 2.** Bottom incoming - Top outgoing.  
Maximum 10 incomings BTVC-DT NH 1/3 or 20 incomings BTVC-DT NH 00.
- 2.1. Expandable 10 gaps. Load break switch or automatic circuit breaker.
  - 2.2. Expandable 8 gaps. Load break switch.
  - 2.3. Expandable 8 gaps. Automatic circuit breaker.
- Extensions for models 2.2.1, 2.2.2 and 2.2.3.
- 2.4. Not expandable.

### INDOOR PANEL - FRAME VERSION

- Frame Version** Bottom incoming to the fuse switches - Lateral outgoing to the transformer through wiring. Maximum 36 incomings BTVC-DT NH 1.

### POLYESTER OUTDOOR PANEL

- Model 3.** Bottom incoming - Top and rear outgoing.  
Maximum 6 incomings BTVC-DT NH 1/3 or 12 incomings BTVC-DT NH 00.
- Model 4.** Bottom incoming - Bottom outgoing.  
Maximum 5 incomings BTVC-DT NH 1/3 or 10 incomings BTVC-DT NH 00.

### METALLIC OUTDOOR PANEL

- Model 5.** Bottom incoming - Top and rear outgoing.  
Maximum 6 incomings BTVC-DT NH 1/3 or 12 incomings BTVC-DT NH 00.

#### OUTGOING CURRENTS

Model 1.	1600 A for 400/500/690 V   1250 A for 800 V
Model 2.	3200 A for 400/500/690 V   2500 A for 800 V
Model 3.	1250 A for 400/500/690 V   1000 A for 800 V
Model 4.	1250 A for 400/500/690 V   1000 A for 800 V
Model 5.	1600 A for 400/500/690 V   1250 A for 800 V

#### OUTGOING DEVICES

Load break switch or automatic circuit breaker

#### PROTECTIONS

Auxiliary circuits, metering devices, surge arresters, etc.

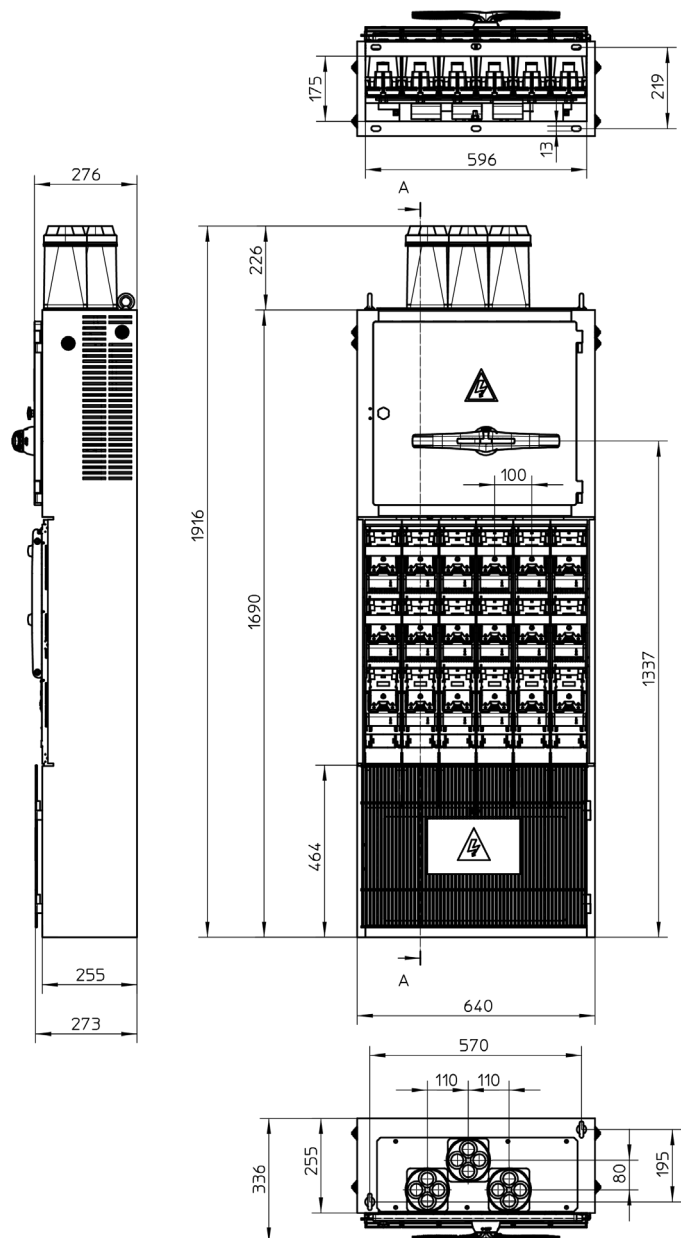
Bottom Incoming - Top Outgoing | Unesa type 6 gaps

DESCRIPTION

- Inverter grouping AC panel for indoor.
- Metallic enclosure.
- Bottom incoming | 6 with BTVC NH 1/3.  
| 12 with BTVC NH 00.
- Top outgoing through Telergon Load Break switch:  
Up to 1250 A for 800 V en AC.  
Up to 1600 A for 400/500/690 V.
- IP20.
- According to standard IEC-61439.



DIMENSIONAL DRAWING



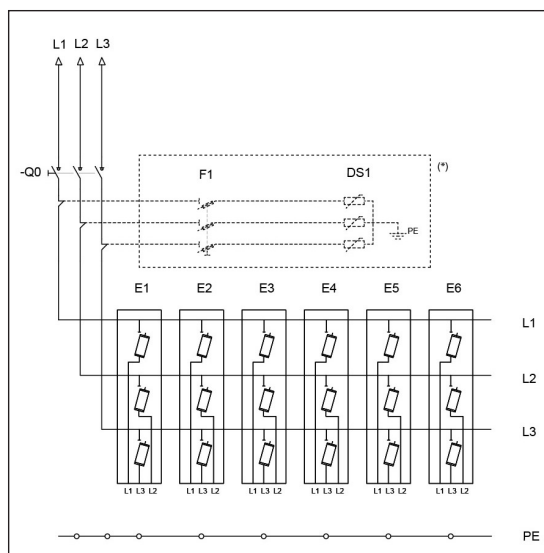
Bottom Incoming - Top Outgoing | Unesa type 6 gaps

RANGE

Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum nº of incomings	Size
ICTLG* 3P+N. Serie S6000	Confirm	LVCP U 6H 800 A IC 4P 12E00 SC	400/500/690 V	800 A	12	NH 00
	Confirm	LVCP U 6H 800 A IC 4P 6E01 SC			6	NH 1
	Confirm	LVCP U 6H 800 A IC 4P 6E03 SC			6	NH 3
ICTLG* 3P+N	Confirm	LVCP U 6H 1600 A IC 4P 12E00 SC		1600 A	12	NH 00
	Confirm	LVCP U 6H 1600 A IC 4P 6E01 SC			6	NH 1
	Confirm	LVCP U 6H 1600 A IC 4P 6E03 SC			6	NH 3
ICTLG* 3P 800Vac. Serie S6000	Confirm	LVCP U 6H 400 A IC 3P 12E00 SC	800 V	400 A	12	NH 00
	Confirm	LVCP U 6H 400 A IC 3P 6E01 SC			6	NH 1
	Confirm	LVCP U 6H 400 A IC 3P 6E03 SC			6	NH 3
ICTLG* 3P 800 Vac	Confirm	LVCP U 6H 1250 A IC 3P 12E00 SC		1250 A	12	NH 00
	Confirm	LVCP U 6H 1250 A IC 3P 6E01 SC			6	NH 1
	Confirm	LVCP U 6H 1250 A IC 3P 6E03 SC			6	NH 3

ICTLG\* - Telergon Load Break switch

WIRING DIAGRAM



\* Optional

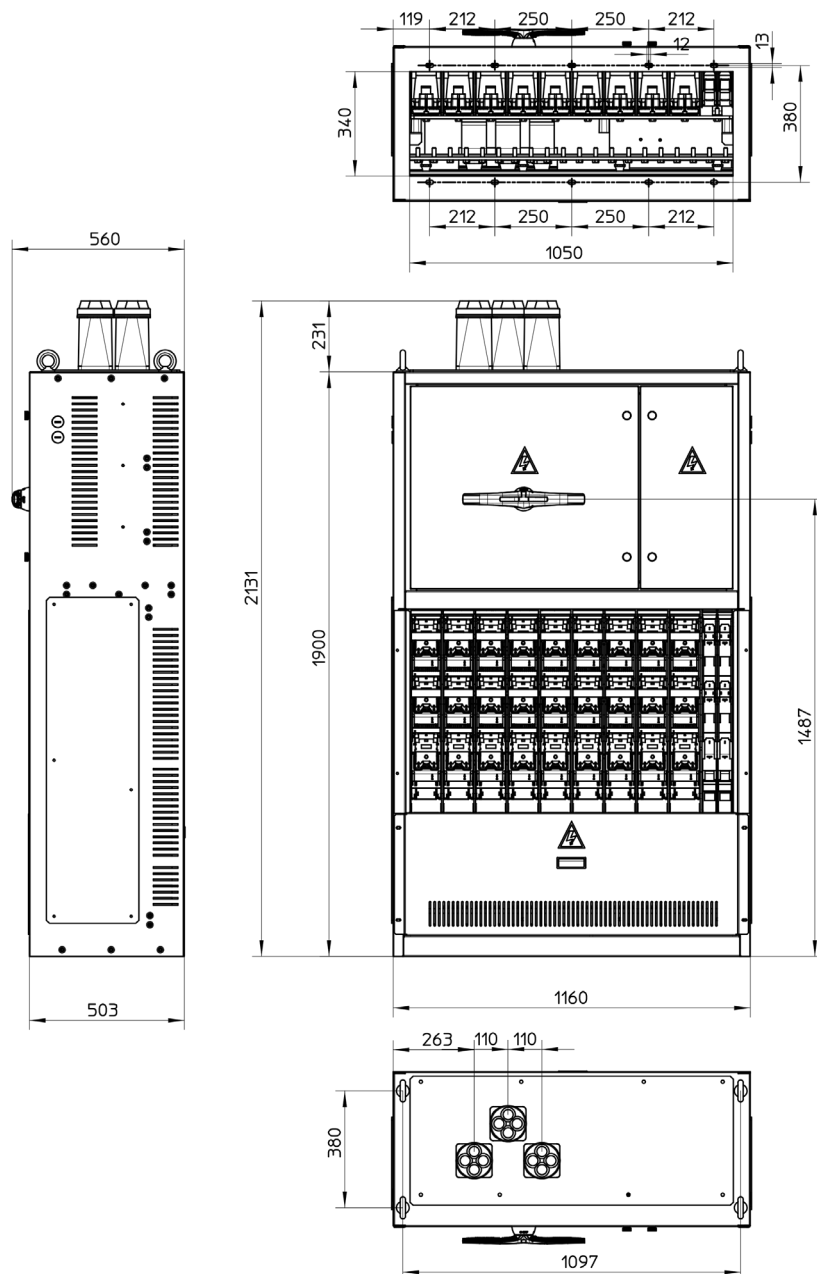
**Note:** This model is not designed to incorporate a frame type circuit breaker. It is only possible to incorporate an automatic molded case circuit breaker, up to 1250 A. For accessories and switch combinations, please, contact our commercial department.

Bottom Incoming - Top Outgoing | Expandable 10 gaps

DESCRIPTION

- Inverter grouping AC panel for indoor.
- Metallic enclosure.
- Bottom incoming | 20 with BTVC NH 00.  
| 10 with BTVC NH 1/3.
- Top outgoing through Load Break switch:  
Up to 2500 A for 800 V en AC  
Up to 3200 A for 400/500/690 V
- IP20.
- According to standard IEC-61439.

DIMENSIONAL DRAWING



## ▶ RANGE

Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
ICTLG* 3P+N	Confirm	LVCP 10H 2000 IC 4P 20E00 SC	400/500/690 V	2000 A	20	NH 00
	Confirm	LVCP 10H 2000 IC 4P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 2000 IC 4P 10E03 SC			10	NH 3
	Confirm	LVCP 10H 2500 IC 4P 20E00 SC		2500 A	20	NH 00
	Confirm	LVCP 10H 2500 IC 4P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 2500 IC 4P 10E03 SC			10	NH 3
	Confirm	LVCP 10H 3150 IC 4P 20E00 SC		3200 A	20	NH 00
	Confirm	LVCP 10H 3150 IC 4P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 3150 IC 4P 10E03 SC			10	NH 3
ICTLG* 3P 800 Vac	Confirm	LVCP 10H 2500 IC 3P 20E00 SC	800 V	2500 A	20	NH 00
	Confirm	LVCP 10H 2500 IC 3P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 2500 IC 3P 10E03 SC			10	NH 3

ICTLG\* - Telergon Load Break switch

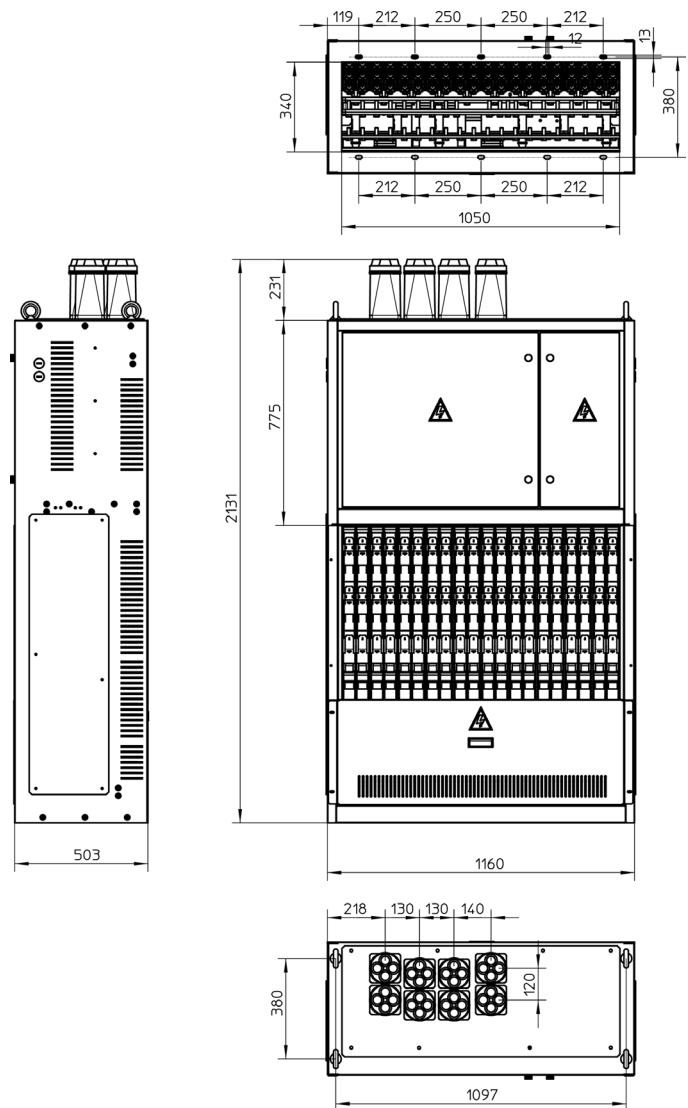
Bottom Incoming - Top Outgoing | Expandable 10 gaps

DESCRIPTION

- Inverter grouping AC panel for indoor.
- Metallic enclosure.
- Bottom incoming | 20 with BTVC NH 00.  
| 10 with BTVC NH 1/3.
- Top outgoing through Automatic Circuit Breaker:  
Up to 3200 A for 800 V en AC  
Up to 3200 A for 400/500/690 V
- IP20.
- According to standard IEC-61439.



DIMENSIONAL DRAWING



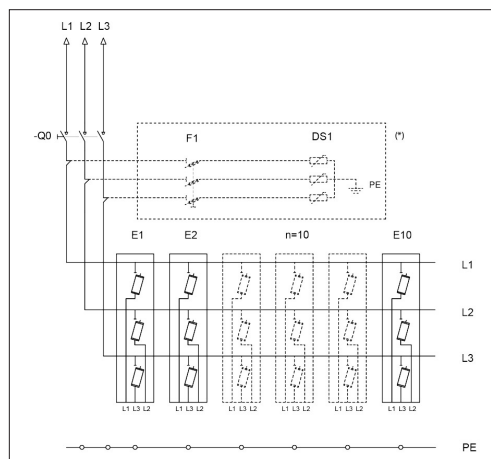
Bottom Incoming - Top Outgoing | Expandable 10 gaps

► RANGE

Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
IA** ACB 4P Fixed type	Confirm	LVCP 10H 2000 IA 4P 20E00 SC	400/500/690 V	2000 A	20	NH 00
	Confirm	LVCP 10H 2000 IA 4P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 2000 IA 4P 10E03 SC			10	NH 3
	Confirm	LVCP 10H 2500 IA 4P 20E00 SC		2500 A	20	NH 00
	Confirm	LVCP 10H 2500 IA 4P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 2500 IA 4P 10E03 SC			10	NH 3
	Confirm	LVCP 10H 3200 IA 4P 20E00 SC		3200 A	20	NH 00
	Confirm	LVCP 10H 3200 IA 4P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 3200 IA 4P 10E03 SC			10	NH 3
IA** ACB 3P AR V8 Ejectable type	Confirm	LVCP 10H 2000 IA 3P 20E00 SC	800 V	2000 A	20	NH 00
	Confirm	LVCP 10H 2000 IA 3P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 2000 IA 3P 10E03 SC			10	NH 3
	Confirm	LVCP 10H 2500 IA 3P 20E00 SC -		2500 A	20	NH 00
	Confirm	LVCP 10H 2500 IA 3P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 2500 IA 3P 10E03 SC			10	NH 3
	Confirm	LVCP 10H 3200 IA 3P 20E00 SC		3200 A	20	NH 00
	Confirm	LVCP 10H 3200 IA 3P 10E01 SC			10	NH 1
	Confirm	LVCP 10H 3200 IA 3P 10E03 SC			10	NH 3

IA\*\* - Automatic Circuit Breaker

► WIRING DIAGRAM



\* Optional



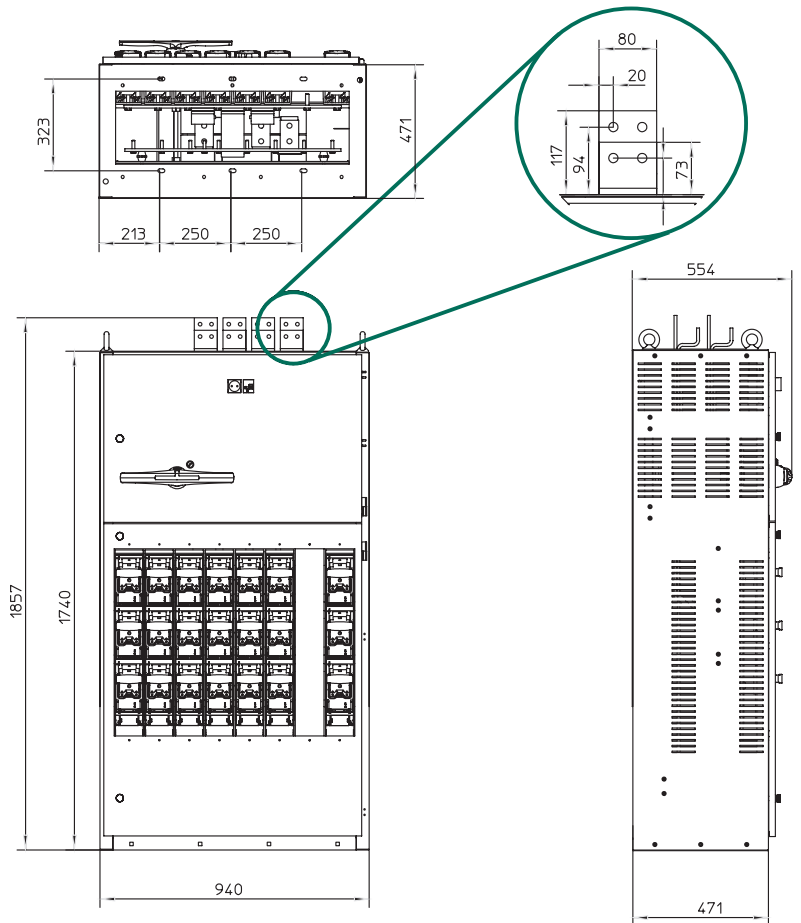
Bottom Incoming - Top Outgoing | Expandable 8 gaps

DESCRIPTION

- Inverter grouping AC panel for indoor.
- Metallic enclosure.
- Bottom incoming | 16 with BTVC NH 00.  
| 8 with BTVC NH 1/3.
- Top outgoing through Load Break switch:  
Up to 3200 A for 400/500/690 V.  
Up to 2500 A for 800 V.
- IP20.
- According to standard IEC-61439.



DIMENSIONAL DRAWING



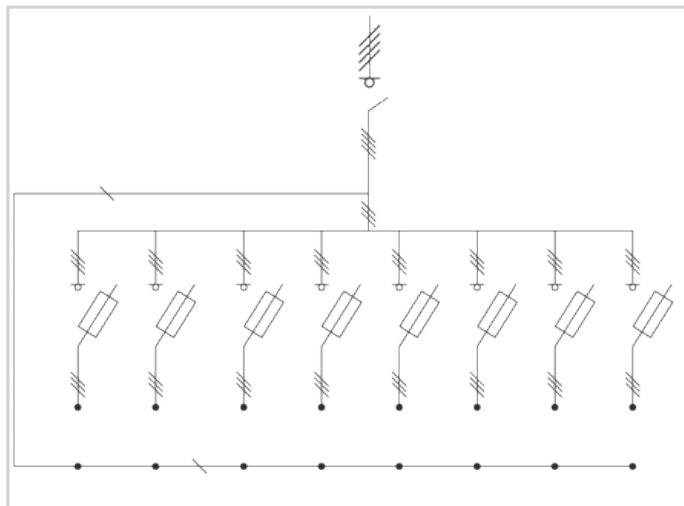
Bottom Incoming - Top Outgoing | Expandable 8 gaps

▶ RANGE

Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
ICTLG* 3P+N	Confirm	LVCP 8H 2500 IC 4P 16E00 SC	400/500/690 V	2500 A	16	NH 00
	Confirm	LVCP 8H 2500 IC 4P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 2500 IC 4P 8E03 SC			8	NH 3
	Confirm	LVCP 8H 3150 IC 4P 16E00 SC		3200 A	16	NH 00
	Confirm	LVCP 8H 3150 IC 4P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 3150 IC 4P 8E03 SC			8	NH 3
ICTLG* 3P 800 V AC	Confirm	LVCP 8H 2500 IC 3P 16E00 SC	800 V	2500 A	16	NH 00
	Confirm	LVCP 8H 2500 IC 3P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 2500 IC 3P 8E03 SC			8	NH 3

ICTLG\* - Load Break switch of Telergon

▶ WIRING DIAGRAM

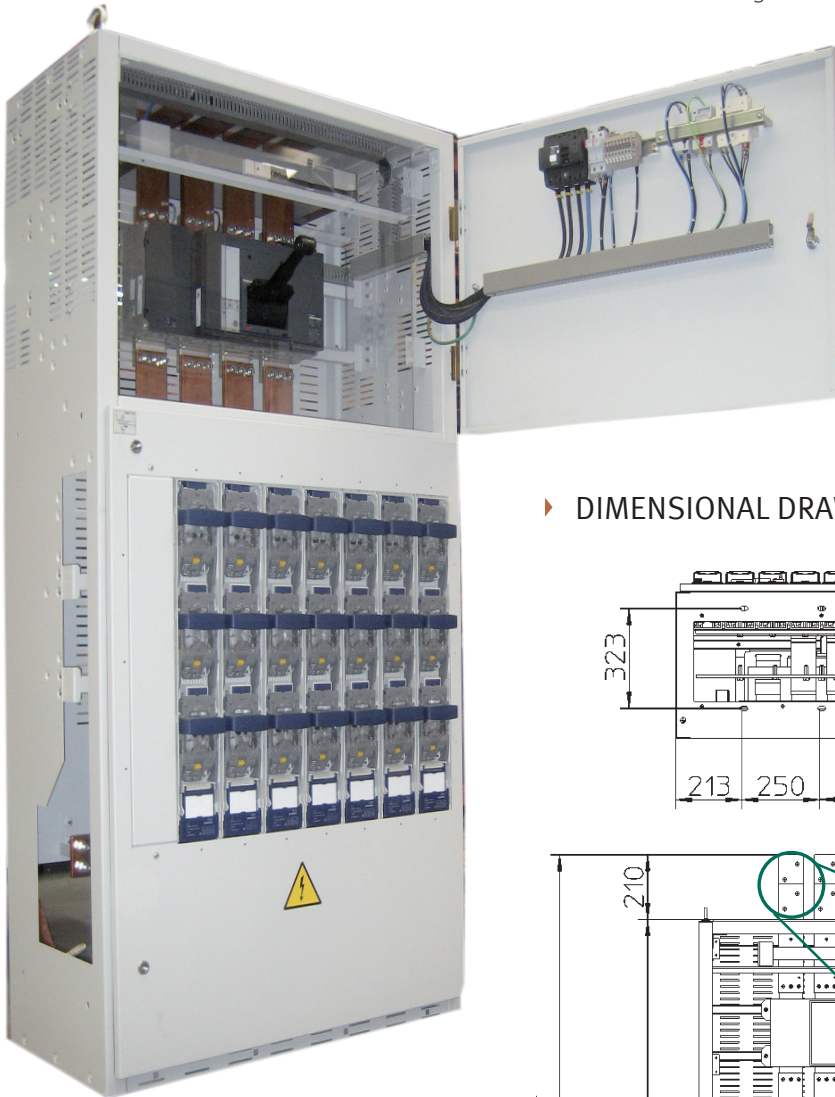


Wiring diagram for 8 outgoing

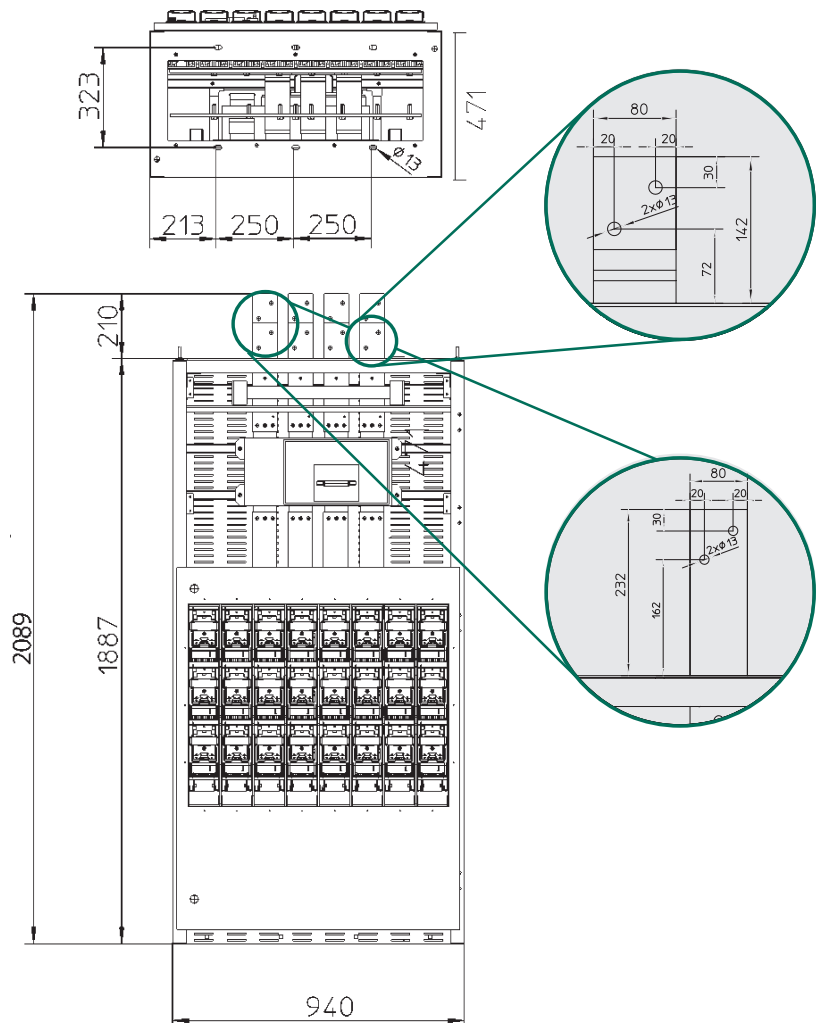
Bottom Incoming - Top Outgoing | Expandable 8 gaps

DESCRIPTION

- Inverter grouping AC panel for indoor.
- Metallic enclosure.
- Bottom incoming | 16 with BTVC NH 00.  
| 8 with BTVC NH 1/3.
- Top outgoing through Automatic Circuit Breaker:  
Up to 3200 A for 400/500/690 V.  
Up to 3200 A for 800 V.
- IP20.
- According to standard IEC-61439.



DIMENSIONAL DRAWING



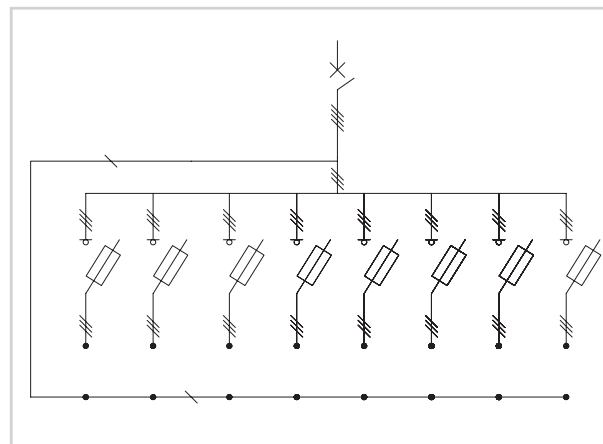
Bottom Incoming - Top Outgoing | Expandable 8 gaps

▶ RANGE

Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
IA** ACB 4P Fixed type	Confirm	LVCP 8H 2000 IA 4P 16E00 SC	400/500/690V	2000 A	16	NH 00
	Confirm	LVCP 8H 2000 IA 4P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 2000 IA 4P 8E03 SC			8	NH 3
	Confirm	LVCP 8H 2500 IA 4P 16E00 SC		2500 A	16	NH 00
	Confirm	LVCP 8H 2500 IA 4P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 2500 IA 4P 8E03 SC			8	NH 3
	Confirm	LVCP 8H 3200 IA 4P 16E00 SC		3200 A	16	NH 00
	Confirm	LVCP 8H 3200 IA 4P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 3200 IA 4P 8E03 SC			8	NH 3
IA** ACB 3P AR V8 Ejectable type	Confirm	LVCP 8H 2000 IA 3P 16E00 SC	800 V	2000 A	16	NH 00
	Confirm	LVCP 8H 2000 IA 3P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 2000 IA 3P 8E03 SC			8	NH 3
	Confirm	LVCP 8H 2500 IA 3P 16E00 SC		2500 A	16	NH 00
	Confirm	LVCP 8H 2500 IA 3P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 2500 IA 3P 8E03 SC			8	NH 3
	Confirm	LVCP 8H 3200 IA 3P 16E00 SC		3200 A	16	NH 00
	Confirm	LVCP 8H 3200 IA 3P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 3200 IA 3P 8E03 SC			8	NH 3

IA\*\* - Automatic Circuit Breaker

▶ WIRING DIAGRAM

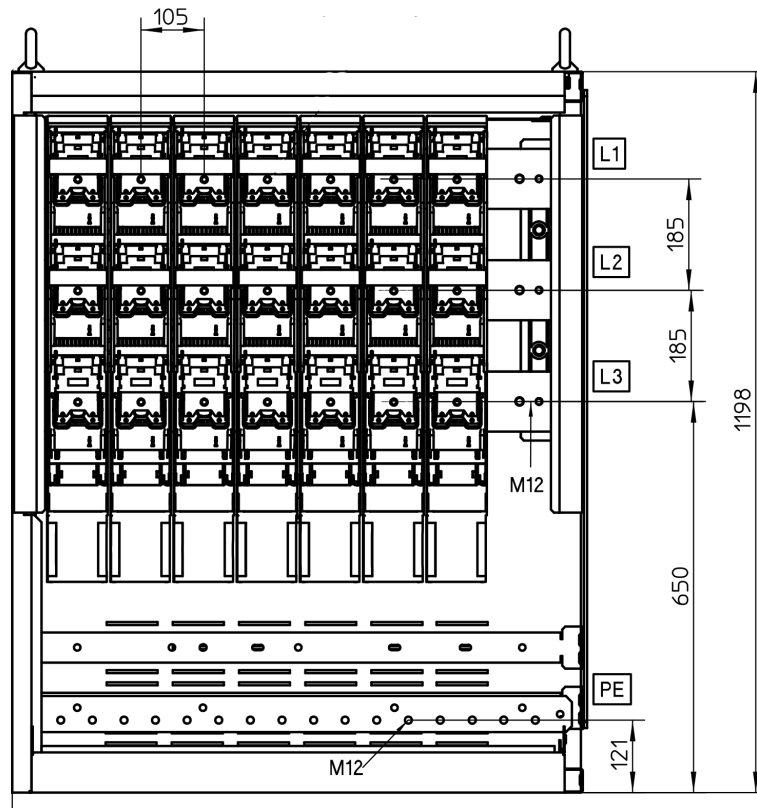


Connection with models 2.1. , 2.2. and 2.3.

DESCRIPTION

- CBT extension 8 gaps
- Metallic enclosure.
- Bottom incoming | 16 with BTVC NH 00.  
| 8 with BTVC NH 1/3.
- Outgoing through busbar with neutral:  
Up to 2500 A for 400/500/690 V.  
Up to 2500 A for 800 V.
- Alternatives: different sizes of fuse switches.

DIMENSIONAL DRAWING



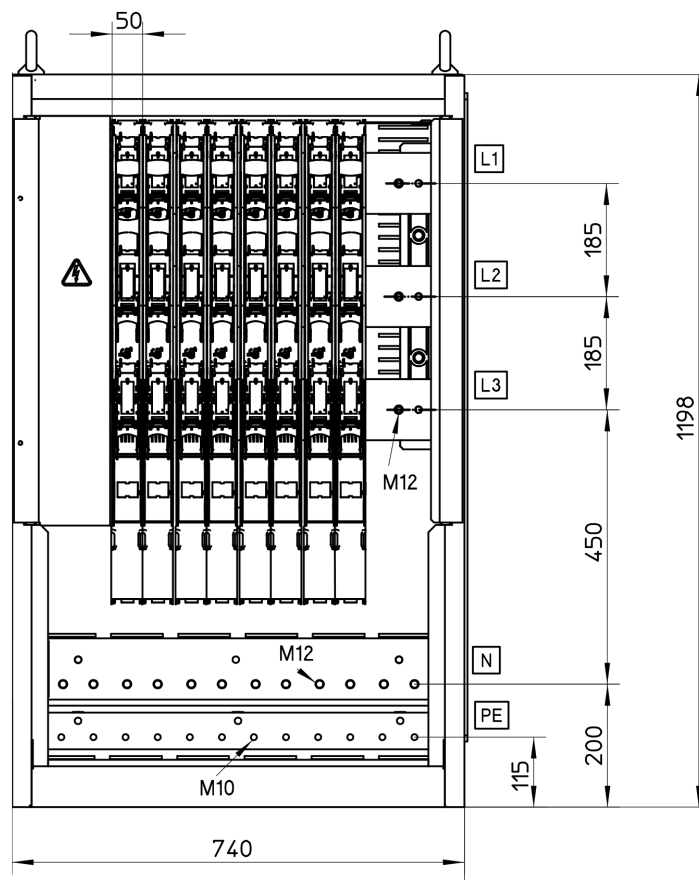
RANGE

Outgoing	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum nº of incomings	Size
Busbar with neutral	Confirm	LVCP 8H AMP 4P 16E00 SC	400/500/690 V	2500 A	16	NH 00
	Confirm	LVCP 8H AMP 4P 8E01 SC			8	NH 1
	Confirm	LVCP 8H AMP 4P 8E03 SC			8	NH 3
	Confirm	LVCP 8H AMP 3P 16E00 SC	800 V	2500 A	16	NH 00
	Confirm	LVCP 8H AMP 3P 8E01 SC			8	NH 1
	Confirm	LVCP 8H AMP 3P 8E03 SC			8	NH 3

DESCRIPTION

- CBT extension 6 gaps
- Metallic enclosure.
- Bottom incoming | 12 with BTVC NH 00.  
| 6 with BTVC NH 1/3.
- Outgoing through busbar with neutral:  
Up to 2500 A for 400/500/690 V.  
Up to 2500 A for 800 V.
- Alternatives: different sizes of fuse switches.

DIMENSIONAL DRAWING



RANGE

Outgoing	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
Busbar with neutral	Confirm	LVCP 6H AMP 4P 12E00 SC	400/500/690 V	2500 A	12	NH 00
	Confirm	LVCP 6H AMP 4P 6E01 SC			6	NH 1
	Confirm	LVCP 6H AMP 4P 6E03 SC			6	NH 3
	Confirm	LVCP 6H AMP 3P 12E00 SC	800 V	2500 A	12	NH 00
	Confirm	LVCP 6H AMP 3P 6E01 SC			6	NH 1
	Confirm	LVCP 6H AMP 3P 6E03 SC			6	NH 3

**Bottom Incoming - Top Outgoing | Not expandable**

## ▶ DESCRIPTION

- Inverter grouping AC panel for indoor.
- Metallic enclosure.
- Bottom incoming | 16 with BTVC NH 00.  
| 8 with BTVC NH 1/3.
- Top outgoing through Load Break switch:  
Up to 2000 A for 400/500/690 V.
- IP20.
- According to standard IEC-61439.



Model 2.4.

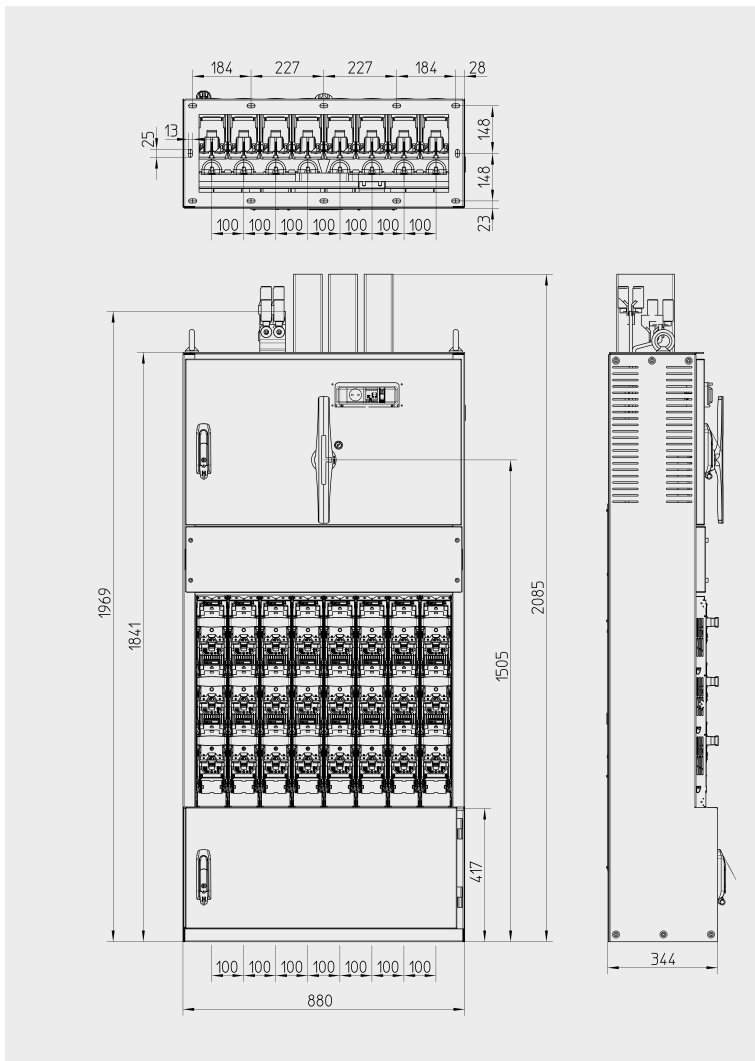
Bottom Incoming - Top Outgoing | Not expandable

▶ RANGE

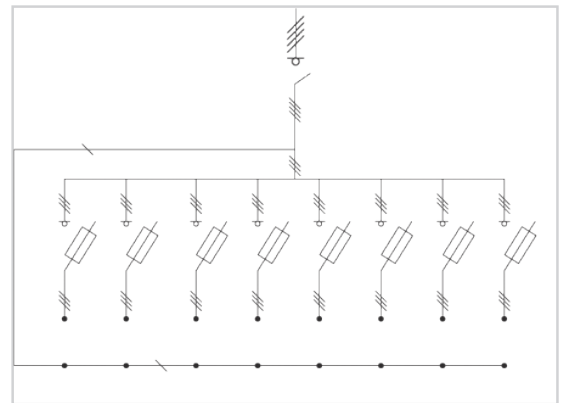
Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
IC TLG* 3P+N	Confirm	LVCP 8H 2000 IC 4P 16E00 SC	400/500/690 V	2000 A	16	NH 00
	Confirm	LVCP 8H 2000 IC 4P 8E01 SC			8	NH 1
	Confirm	LVCP 8H 2000 IC 4P 8E03 SC			8	NH 3

IC TLG\* - Load Break switch of Telergon

▶ DIMENSIONAL DRAWING



▶ WIRING DIAGRAM



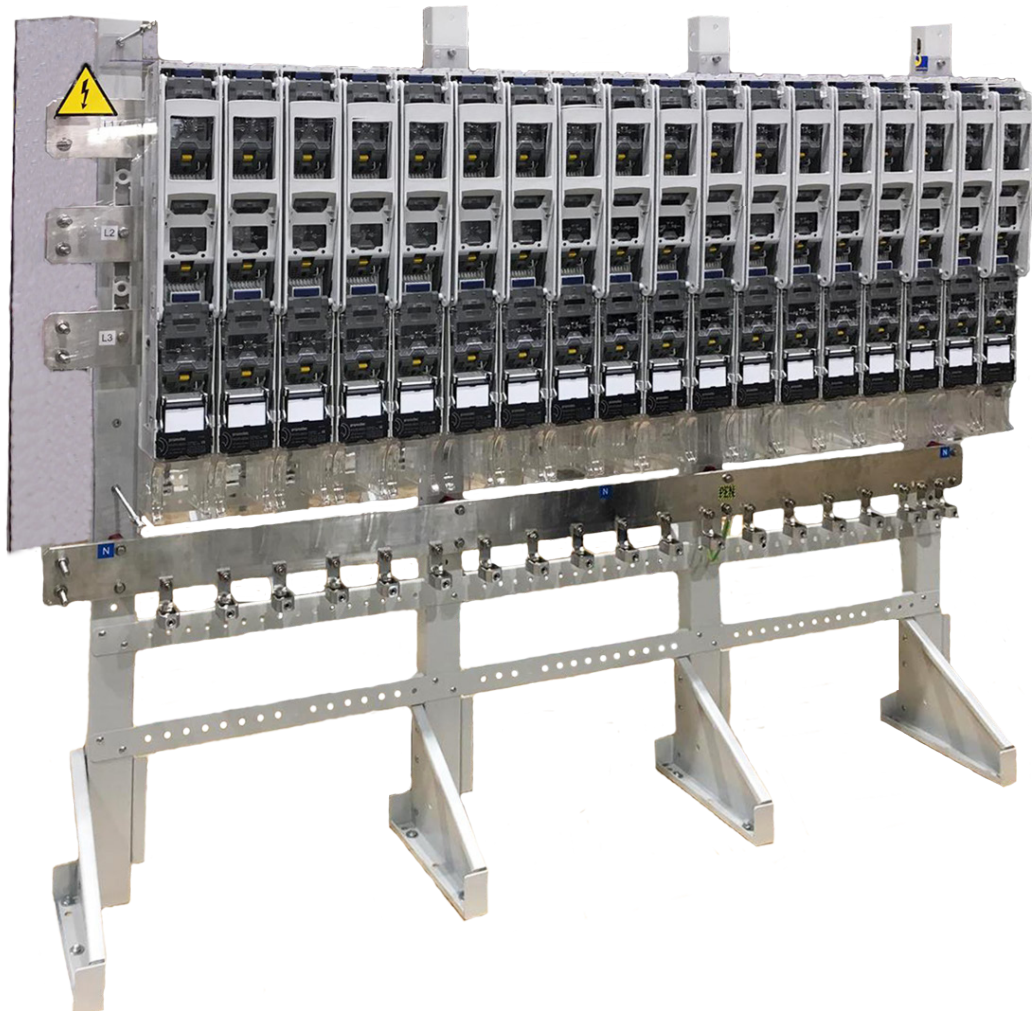
Wiring diagram for 8 outgoing



**Bottom incoming to the fuse switches**

## ▶ DESCRIPTION

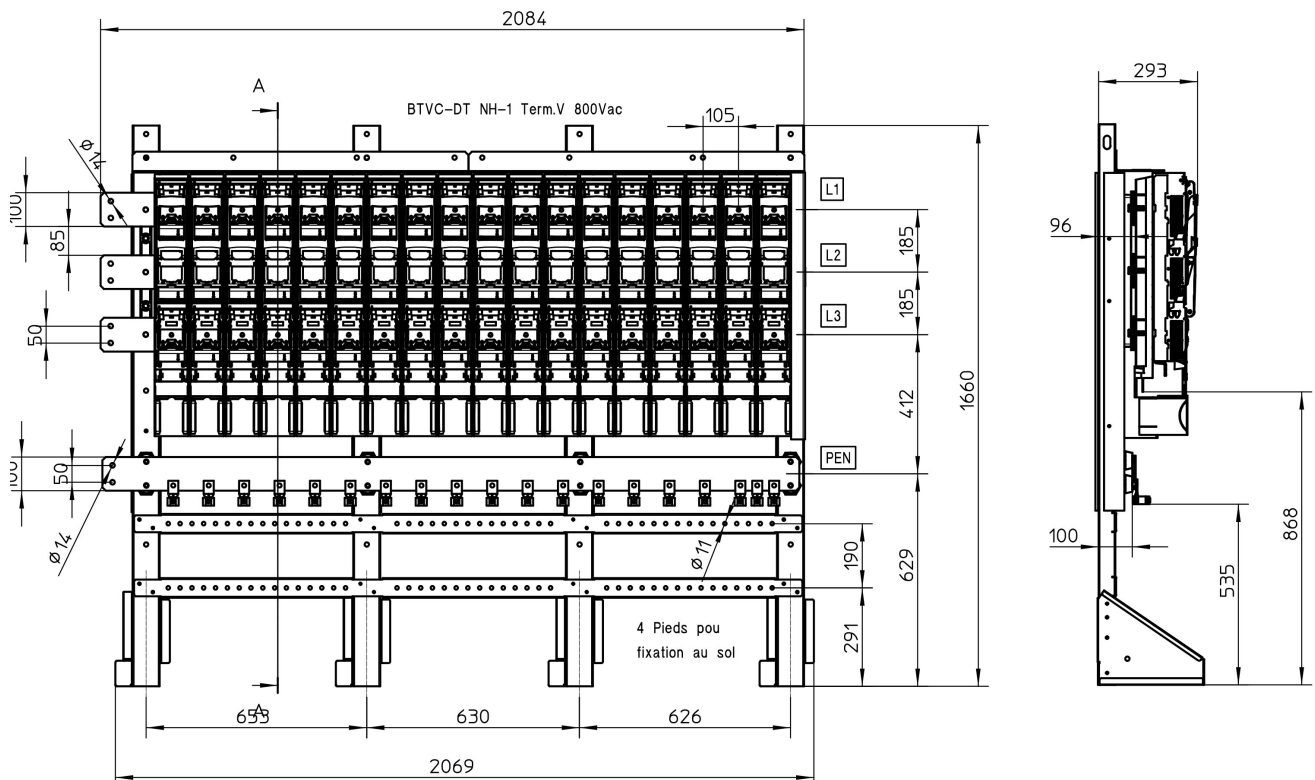
- Inverter grouping AC panel for indoor.
- Frame
- Bottom incoming | Maximum 36 fuse switches NH 1.
- Lateral outgoing to the transformer through wiring.



▶ RANGE

Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
418P871722_C	CBTM 36 M COMPLETE	800 V	3000 A	36	NH 1
	CBTM 18 M LEFT SIDE		1500 A	18	NH 1
	CBTM 18 M RIGHT SIDE		1500 A	18	NH 1
418P871722_D	CBTM 31 M COMPLETE	800 V	3000 A	31	NH 1
	CBTM 15 M LEFT SIDE		1500 A	16	NH 1
	CBTM 16 M RIGHT SIDE		1500 A	16	NH 1
418P872593_A	CBTM 36 M COMPLETE	800 V	3000 A	36	NH 1
	CBTM 18 M LEFT SIDE		1500 A	17+2	NH 1 + NH 00
	CBTM 18 M RIGHT SIDE		1500 A	17+2	NH 1 + NH 00
418P872593_B	CBTM 9 M	800 V	722 A	8+2	NH 1 + NH 00
418P872593_C	CBTM 11 M	800 V	1500 A	10+2	NH 1 + NH 00
418P872593_D	CBTM 12 M	800 V	1500 A	12	NH 1

▶ DIMENSIONAL DRAWING



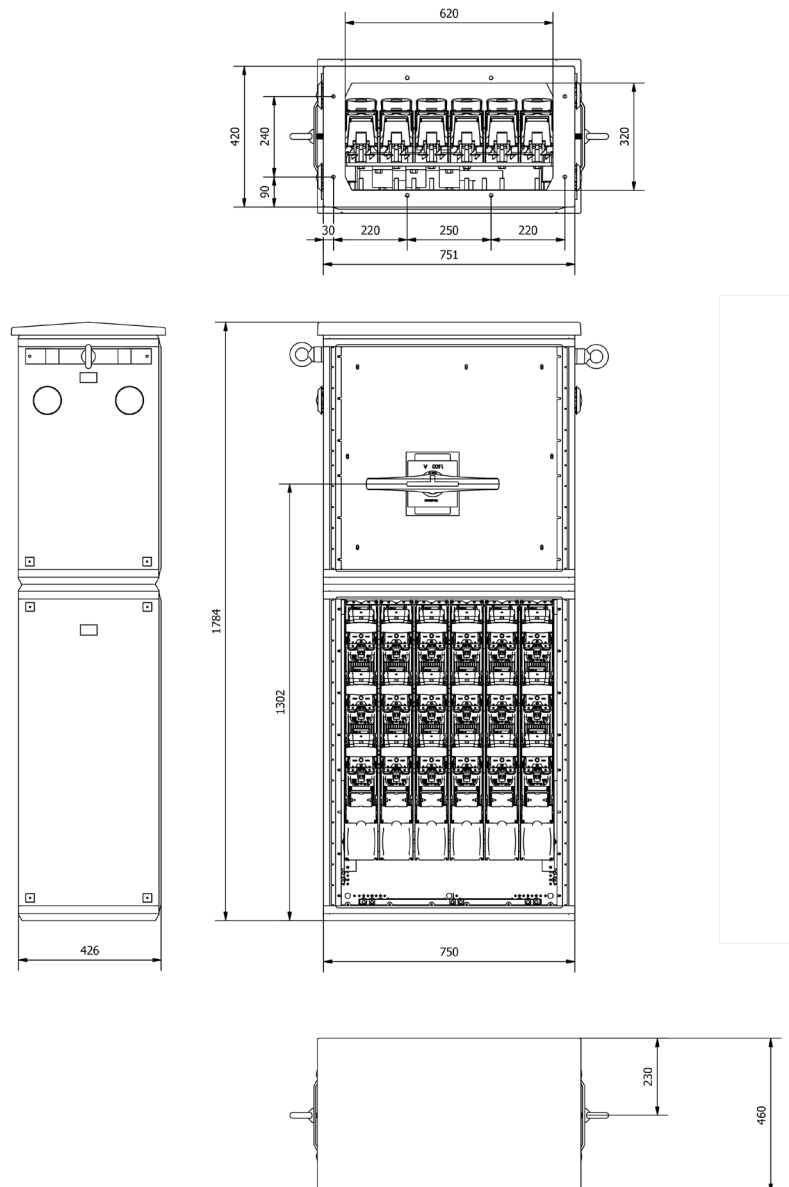
Bottom incoming - Rear outgoing | Insulating 6 gaps

DESCRIPTION

- Inverter grouping AC panel for outdoor.
- Polyester enclosure.
- Bottom incoming | 6 with BTVC NH 1/3.  
| 12 with BTVC NH 00.
- Rear/Top outgoing through Telergon Load Break switch / Automatic Circuit Breaker:  
Up to 1250 A for 800 V en AC.  
Up to 1600 A for 400/500/690 V.
- IP55.
- According to standard IEC-61439-5.



DIMENSIONAL DRAWING



Bottom incoming - Rear outgoing | Insulating 6 gaps

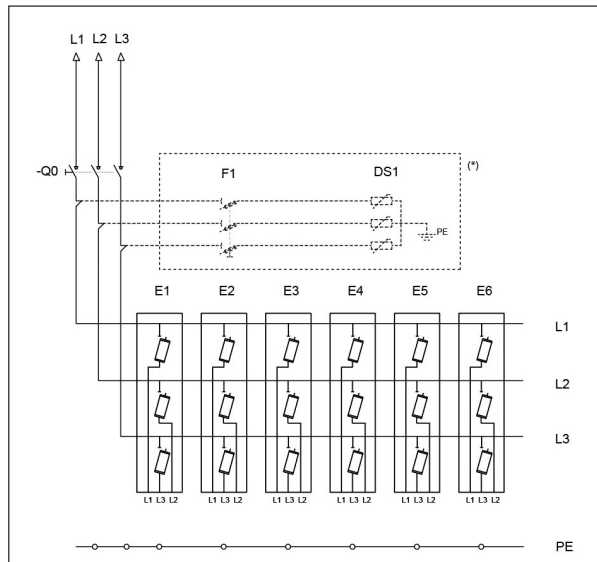
RANGE

Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum nº of incomings	Size
ICTLG* 3P+N. Serie S6000	Confirm	LVCP EXT POL 6H IC 4P 12E00 SC	400/500/690 V	800 A	12	NH 00
	Confirm	LVCP EXT POL 6H 800 A IC 4P 6E01 SC			6	NH 1
	Confirm	LVCP EXT POL 6H 800 A IC 4P 6E03 SC			6	NH 3
ICTLG* 3P+N	Confirm	LVCP EXT POL 6H IC 4P 12E00 SC		1600 A	12	NH 00
	Confirm	LVCP EXT POL 6H IC 4P 6E01 SC			6	NH 1
	Confirm	LVCP EXT POL 6H IC 4P 6E03 SC			6	NH 3
ICTLG* 3P 800Vac. Serie S6000	Confirm	LVCP EXT POL 6H IC 3P 12E00 SC	800 V	400 A	12	NH 00
	Confirm	LVCP EXT POL 6H IC 3P 6E01 SC			6	NH 1
	Confirm	LVCP EXT POL 6H IC 3P 6E03 SC			6	NH 3
ICTLG* 3P 800Vac	Confirm	LVCP EXT POL 6H IC 3P 12E00 SC		1250 A	12	NH 00
	Confirm	LVCP EXT POL 6H IC 3P 6E01 SC			6	NH 1
	Confirm	LVCP EXT POL 6H IC 3P 6E03 SC			6	NH 3
IA** 3P+N Tipo TB2 Moulded case	Confirm	LVCP EXT POL 6H IA 4P 12E00 SC	400/500/690 V	1600 A	12	NH 00
	Confirm	LVCP EXT POL 6H IA 4P 6E01 SC			6	NH 1
	Confirm	LVCP EXT POL 6H IA 4P 6E01 SC			6	NH 3
IA** 3P Tipo XV Moulded case	Confirm	LVCP EXT POL 6H IA 3P 12E00 SC	800 V	1250 A	12	NH 00
	Confirm	LVCP EXT POL 6H IA 3P 6E01 SC			6	NH 1
	Confirm	LVCP EXT POL 6H IA 3P 6E03 SC			6	NH 3

ICTLG\* - Telergon Load Break switch

IA\*\* - Automatic Circuit Breaker

WIRING DIAGRAM



**Bottom incoming - Top outgoing | Insulating DIN 5 gaps**

## ▶ DESCRIPTION

- Inverter grouping AC panel for outdoor.
- Polyester enclosure.
- Bottom incoming | 5 with BTVC NH 1/3.  
| 10 with BTVC NH 00.
- Top outgoing through Telergon Load Break switch:  
Up to 1250 A for 800 V en AC.  
Up to 1600 A for 400/500/690 V.
- IP54.
- According to standard IEC-61439-5.



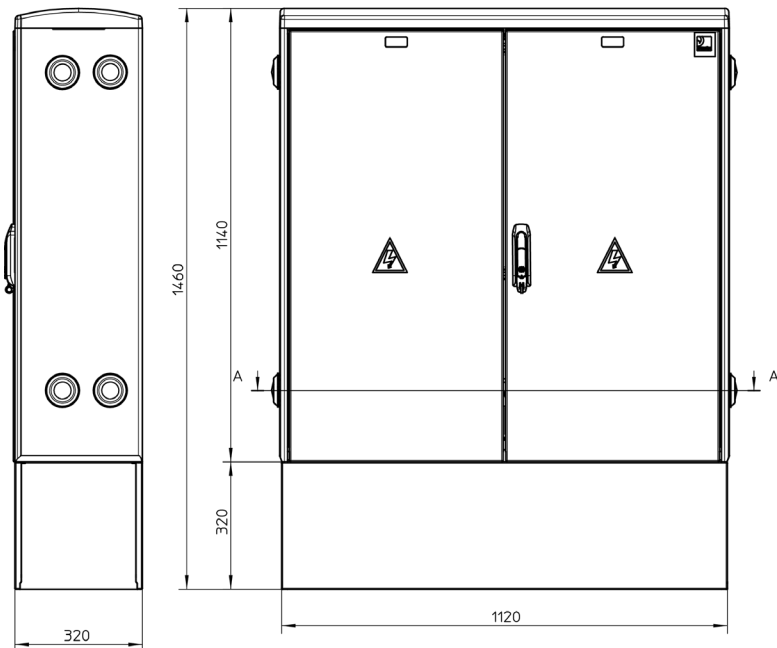
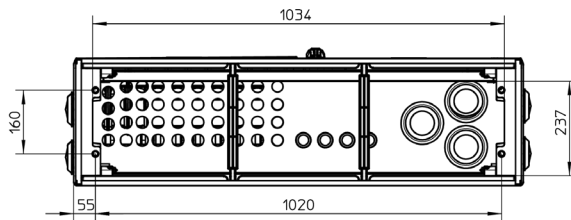
Bottom incoming - Top outgoing | Insulating DIN 5 gaps

▶ RANGE

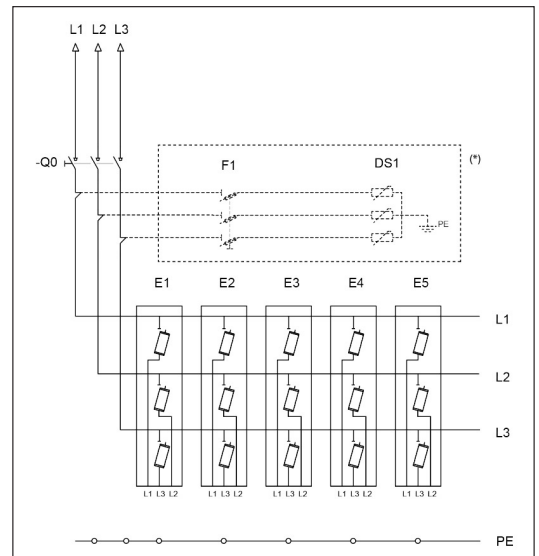
Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
ICTLG* 3P	Confirm	LVCP EXT DIN 1600 IC 3P 10E00 SC	400/500/690 V	1600 A	10	NH 00
	Confirm	LVCP EXT DIN 1600 IC 3P 5E01 SC			5	NH 1
	Confirm	LVCP EXT DIN 1600 IC 3P 5E03 SC			5	NH 3
ICTLG* 3P 800Vac	Confirm	LVCP EXT DIN 1250 IC 3P 10E00 SC	800 V	1250 A	10	NH 00
	Confirm	LVCP EXT DIN 1250 IC 3P 5E01 SC			5	NH 1
	Confirm	LVCP EXT DIN 1250 IC 3P 5E03 SC			5	NH 3

ICTLG\* - Telergon Load Break switch

▶ DIMENSIONAL DRAWING



▶ WIRING DIAGRAM



\* Optional

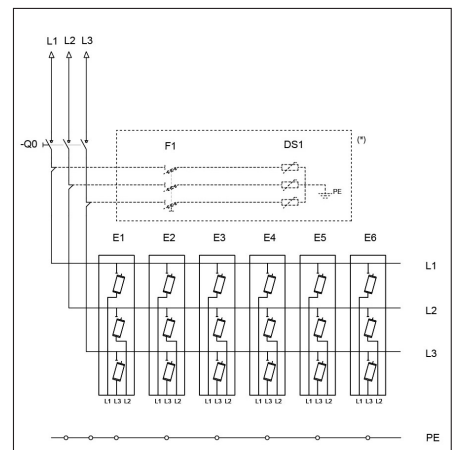
Bottom incoming - Rear outgoing | Outdoor metallic 6 gaps

DESCRIPTION

- Inverter grouping AC panel for outdoor.
- Metallic enclosure.
- Bottom incoming | 6 with BTVC NH 1/3.  
| 12 with BTVC NH 00.
- Top/Rear outgoing through Telergon Load Break switch / Automatic Circuit Breaker:  
Up to 1250 A for 800 V en AC.  
Up to 1600 A for 400/500/690 V.
- IP55.
- According to standard UNE-EN-61439-5.



WIRING DIAGRAM



\* Optional

Bottom incoming - Rear outgoing | Outdoor metallic 6 gaps

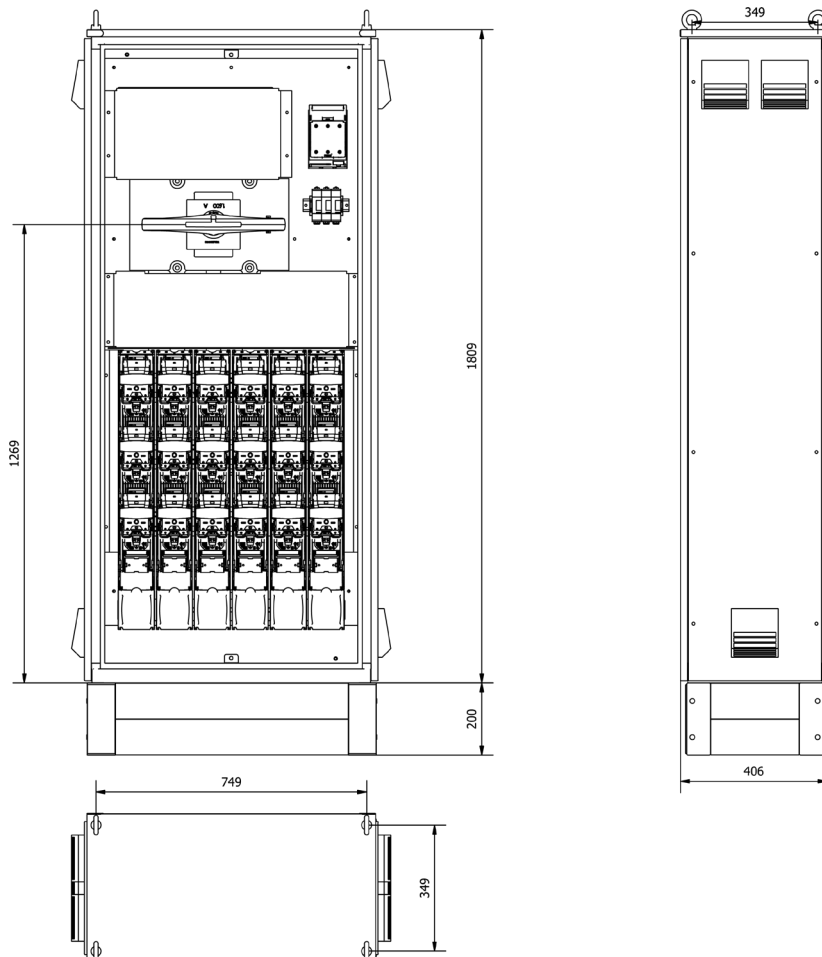
RANGE

Protected outgoing with	Code	Description	Rated operational voltage $U_e$	Maximum current	Maximum n° of incomings	Size
IC TLG* 3P+N	Confirm	LVCP EXT M 6H IC 4P 12E00 SC	400/500/690 V	1600 A	12	NH 00
	Confirm	LVCP EXT M 6H IC 4P 6E01 SC			6	NH 1
	Confirm	LVCP EXT M 6H IC 4P 6E03 SC			6	NH 3
IC TLG* 3P 800Vac	Confirm	LVCP EXT M 6H IC 3P 12E00 SC	800 V	1250 A	12	NH 00
	Confirm	LVCP EXT M 6H IC 3P 6E01 SC			6	NH 1
	Confirm	LVCP EXT M 6H IC 3P 6E03 SC			6	NH 3
IA** 3P+N Tipo TB2 Moulded case	Confirm	LVCP EXT M 6H IA 4P 12E00 SC	400/500/690 V	1600 A	12	NH 00
	Confirm	LVCP EXT M 6H IA 4P 6E01 SC			6	NH 1
	Confirm	LVCP EXT M 6H IA 4P 6E01 SC			6	NH 3
	Confirm	LVCP EXT M 6H IA 3P 12E00 SC	800 V	1250 A	12	NH 00
	Confirm	LVCP EXT M 6H IA 3P 6E01 SC			6	NH 1
	Confirm	LVCP EXT M 6H IA 3P 6E03 SC			6	NH 3

IC TLG\* - Telergon Load Break switch

IA\*\* - Automatic Circuit Breaker

DIMENSIONAL DRAWING





► TECHNICAL DATA

			INDOOR		OUTDOOR			
			Model 1. 6 incomings Top outgoing	Model 2. 20 incomings Top outgoing	Model 3. Cabinet Rear outgoing	Model 4. Cabinet Bottom outgoing	Model 5. Metallic CBT Rear outgoing	
Electrical characteristics	Rated operational voltage	U <sub>e</sub> (V)	400/500/ 690/800 Vac	400/500/ 690/800 Vac	400/500/ 690/800 Vac	400/500/ 690/800 Vac	400/500/ 690/800 Vac	
	Rated operational current	I <sub>e</sub> (A)	1600/1600/ 1600/1250 A	3150/3150/ 3150/2500 A	1250/1250/ 1250/1000 A	1250/1250/ 1250/1000 A	1600/1600/ 1600/1250 A	
	Rated permissible 1 second short circuit duration	(kA)	20	80	20	20	20	
	Incomers from inverters	NH 1/3 ancho 100 mm	6	8 y 10 Expandable <sup>(*)</sup>	6	5	6	
		NH 00 ancho 50 mm	12	16 y 20 Expandable <sup>(*)</sup>	12	10	12	
	Incoming cable section (incomers from inverters)	NH 00	Max. 185 m <sup>2</sup>	Max. 185 m <sup>2</sup>	Max. 185 m <sup>2</sup>	Max. 185 m <sup>2</sup>	Max. 185 m <sup>2</sup>	
		NH 1/3	Max. 300 m <sup>2</sup>	Max. 300 m <sup>2</sup>	Max. 300 m <sup>2</sup>	Max. 300 m <sup>2</sup>	Max. 300 m <sup>2</sup>	
	Nº and section of outgoing cables to transformer	mm <sup>2</sup>	Maximum 4x240 mm <sup>2</sup>	Maximum 8x240 mm <sup>2</sup>	Maximum 4x240 mm <sup>2</sup>	Maximum 4x240 mm <sup>2</sup>	Maximum 4x240 mm <sup>2</sup>	
	Rated insulation voltage	Phase-Phase	kV	2,5 kV	2,5 kV	2,5 kV	2,5 kV	2,5 kV
		Phase-Ground		10 kV	10 kV	10 kV	10 kV	10 kV
Rated impulse withstand voltage	Phase-Ground	kV	8 kV	8 kV	8 kV	8 kV	8 kV	
Protection degree	IP		IP2X	IP2X	IP55	IP54	IP55	
	IK		IK08	IK08	IK10	IK10	IK10	

\* Extension with 6/8 BTVC NH 1/3 or 12/16 BTVC NH 00 panel..

▶ ALTERNATIVE PRODUCTS | Accessories

**Measuring instruments - Panel meters**

Description	Rated operational voltage $U_e$
Current transformer + Panel meter PNT MASTER 3840	400/500/690 V
Current transformer + Panel meter for 800 V AC	800 V



**Arresters**

Description	Rated operational voltage $U_e$
Arrester set 400/500/690 V (BTHC+arrester+fuses)	400/500/690 V
Arrester set 800 V AC (BTHC+arrester+fuses)	800 V



**Step-down voltage transformers**

Description	Rated operational voltage $U_e$
Single-phase Isolation transformer IP00	230 V
Three-phase Isolation transformer IP23	230/400 V AC

