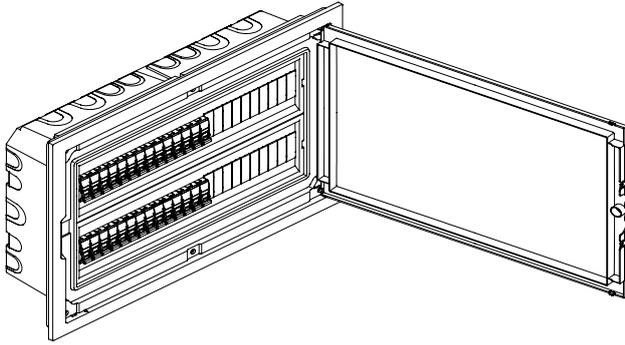


Distribution Panelboard | ICB Incomer Panelboard

Description



omega

Low Profile Distribution Panelboard allow modular switchgear to be fixed.

Standard: EN 62208 / EN 61439-3.

IK07

Panelboards in Technical Thermoplastic - resistant material, non-conductive.

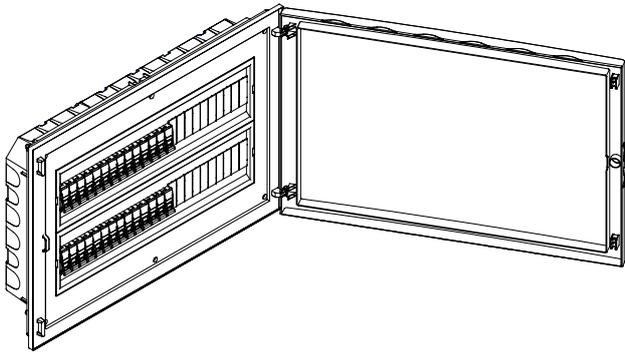
Insulation Class: II.

White Color - RAL 9003.

Reversible door.

Rotary Lever Lock or Keylock option.

Removable frame.



beta

Low Depth Distribution Panelboard allow modular switchgear to be fixed.

Standard: EN 62208 / EN 61439-3.

IK07

Panelboards in Technical Thermoplastic - resistant material, non-conductive.

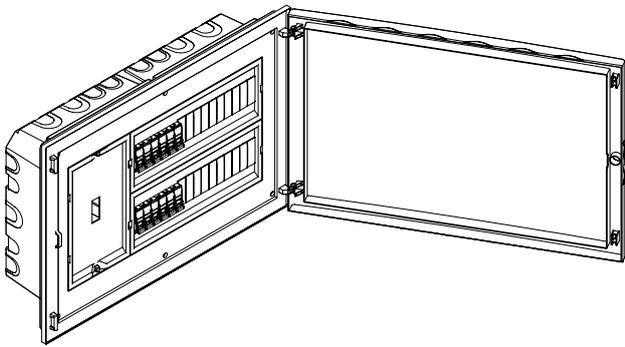
Insulation Class: II.

White Color - RAL 9003.

Reversible door opens up to 180°.

Rotary Lever Lock or Keylock option.

Removable frame.



gamma

Distribution Panelboard allow modular switchgear to be fixed.

ICB Incomer Panels allow modular switchgear to be fixed and Incomer Circuit Breaker (Power Control Device) for Panelboard. (ICB).

Standard: EN 62208 / EN 61439-3.

IK07

Panelboards in Technical Thermoplastic - resistant material, non-conductive.

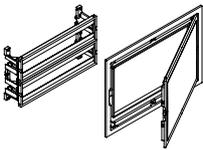
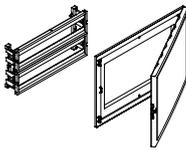
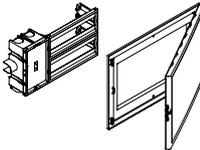
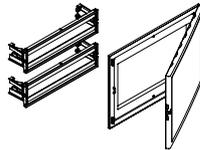
Insulation Class: II.

White Color - RAL 9003.

Reversible door opens up to 180°.

Rotary Lever Lock or Keylock option.

Compatibility Table - Semi-assembled

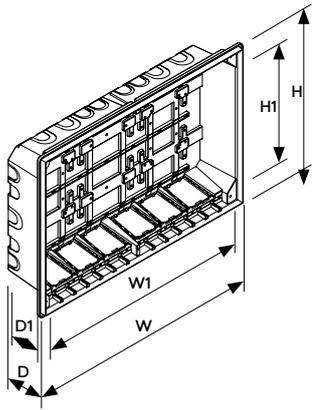
	 omega (Distribution) 620xx xJB	 beta (Distribution) 610xx xJB	 gamma (ICB) 600xx xKB	 gamma (Distribution) 600xx xJB
 Standard Back Box 600xx xGB	✓	✗	✓	✓
 Low Depth Back Box 610xx xGB	✗	✓	✗	✗

• xx x - Digits to be set for the product code

ICB - Incomer Circuit Breaker (Power Control Device) for Panelboard.

Distribution Panelboard | ICB Incomer Panelboard

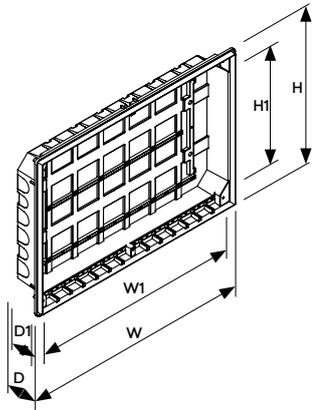
Dimensions (mm)



omega / gamma

Flush Mounting Back Boxes for Panelboards

Ref.	W (mm)	H (mm)	D (mm)	W1 (mm)	H1 (mm)	D1 (mm)
60004	192	255	113	170	188	92
60008	264	255	113	242	188	92
60012	336	255	113	314	188	92
60016	264	380	113	242	313	92
60024	336	380	113	314	313	92
60032	408	380	113	386	313	92
60040	480	380	113	458	313	92
60048	552	380	113	530	313	92
60060	480	505	113	458	438	92
60080	480	630	113	458	563	92

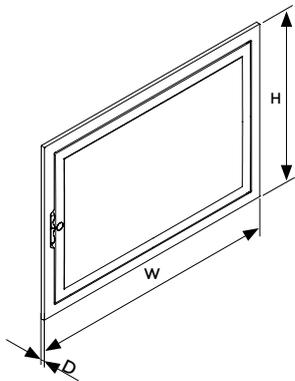


beta

Low Depth Flush Mounting Back Boxes for Panelboards

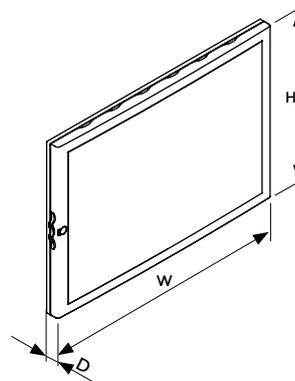
Ref.	W (mm)	H (mm)	D (mm)	W1 (mm)	H1 (mm)	D1 (mm)
61004	192	255	75	170	194	65
61008	264	255	75	242	194	65
61012	336	255	75	314	194	65
61016	264	380	75	242	319	65
61024	336	380	75	314	319	65
61032	408	380	75	386	319	65
61040	480	380	75	458	319	65
61048	552	380	75	530	319	65
61060	480	505	75	458	444	65
61080	480	630	75	458	569	65

Door Dimensions (mm)



omega

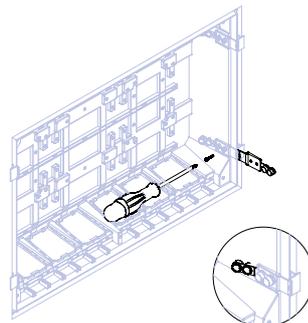
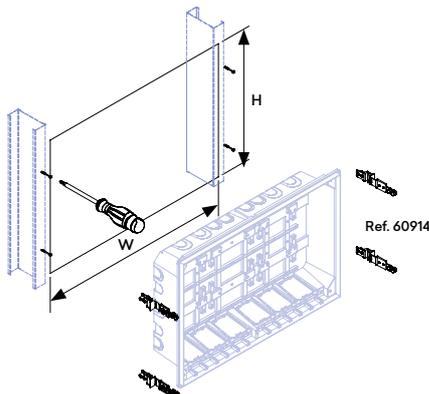
Ref.	W (mm)	H (mm)	D (mm)
62004	217	275	11
62008	289	275	11
62012	361	275	11
62016	289	400	11
62024	361	400	11
62032	433	400	11
62040	505	400	11
62048	577	400	11
62060	505	525	11
62080	505	650	11



beta / gamma

Ref.	W (mm)	H (mm)	D (mm)
60004 61004	217	275	35
60008 61008	289	275	35
60012 61012	361	275	35
60016 61016	289	400	35
60024 61024	361	400	35
60032 61032	433	400	35
60040 61040	505	400	35
60048 61048	577	400	35
60060 61060	505	525	35
60080 61080	505	650	35

Installation for Hollow Wall Flush Mounting Boxes

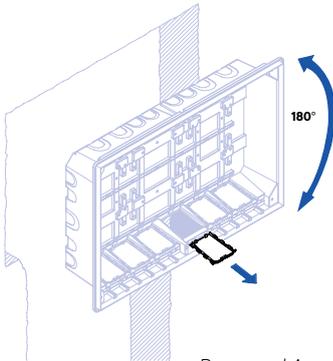


Ref.	W (mm)	H (mm)
60004 61004	197	260
60008 61008	269	260
60012 61012	341	260
60016 61016	269	385
60024 61024	341	385
60032 61032	413	385
60040 61040	485	385
60048 61048	557	385
60060 61060	485	510
60080 61080	485	635

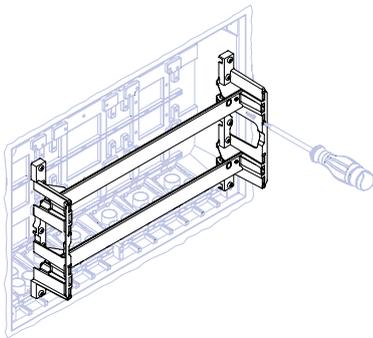
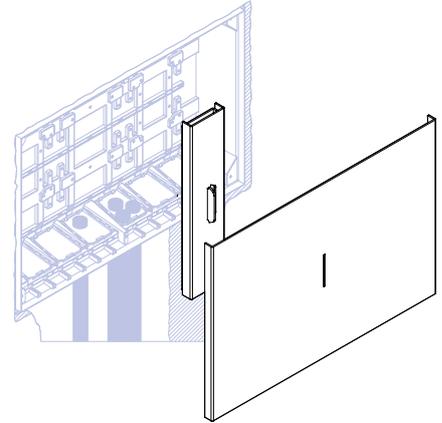
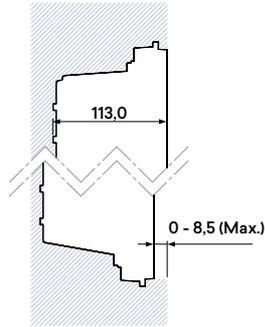
Distribution Panelboard | ICB Incomer Panelboard

Assembly Diagram - Distribution Panelboard

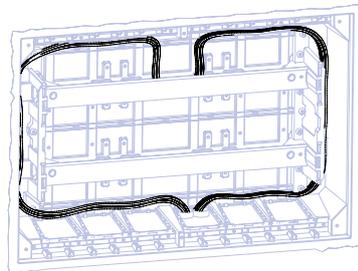
omega / gamma



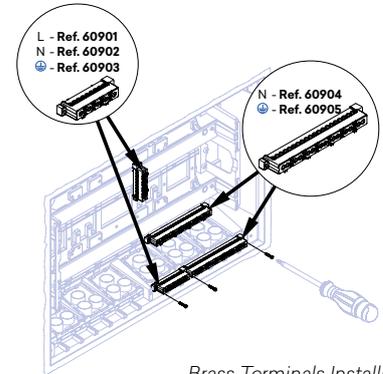
Recessed Assembly



DIN Rail Installation

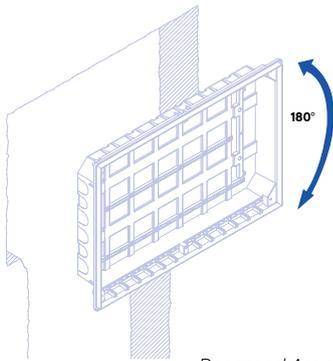


Easy Wiring

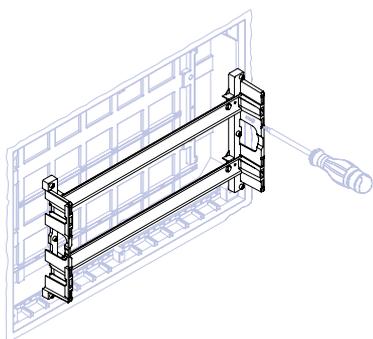
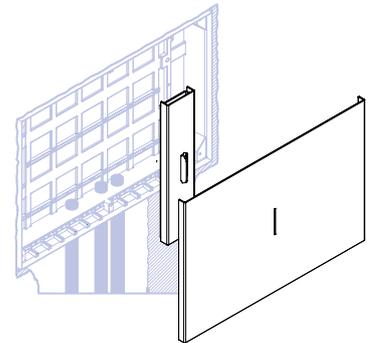
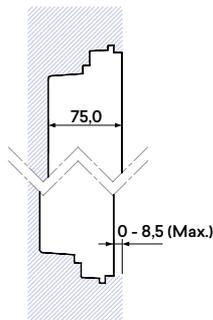


Brass Terminals Installation

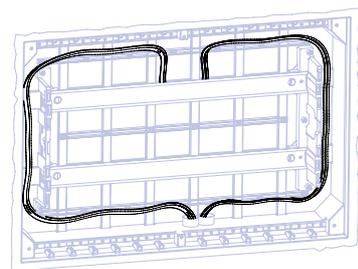
beta



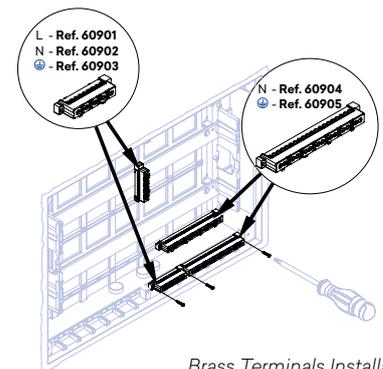
Recessed Assembly



DIN Rail Installation



Easy Wiring

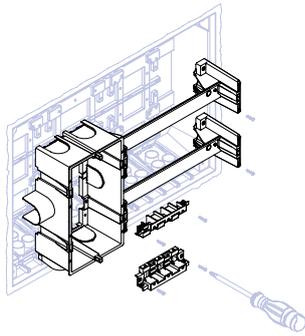


Brass Terminals Installation

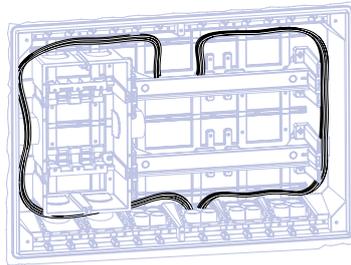
Distribution Panelboard | ICB Incomer Panelboard

Assembly Diagram - ICB Incomer Panels

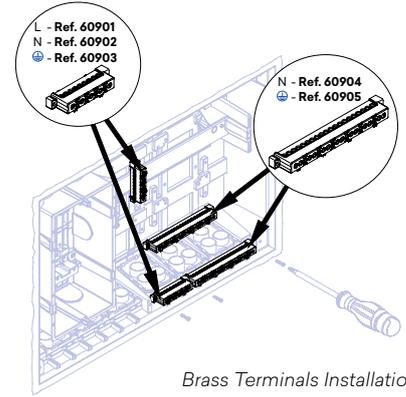
gamma



ICB on left (or right)

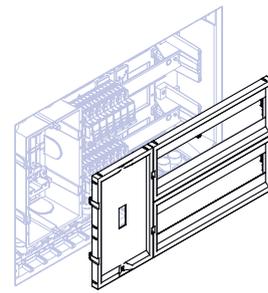
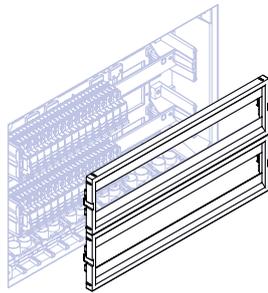


Easy Wiring



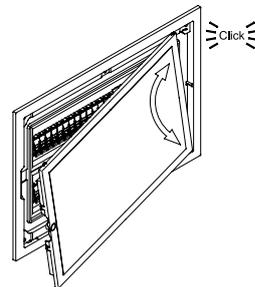
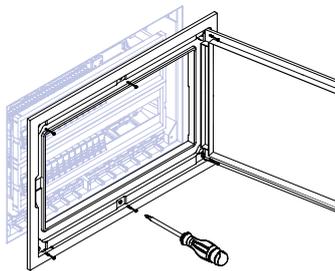
Brass Terminals Installation

Assembly Diagram - Masks

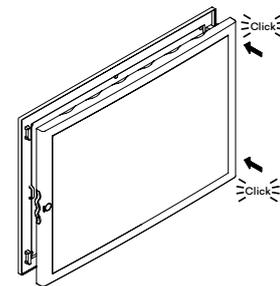
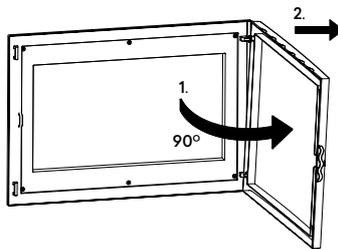
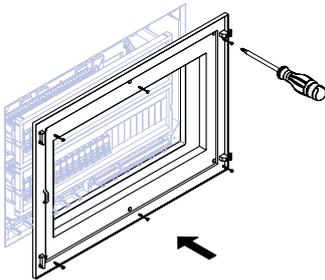


Assembly and Dismantling of Doorframe and Door

omega

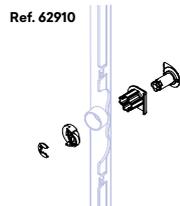
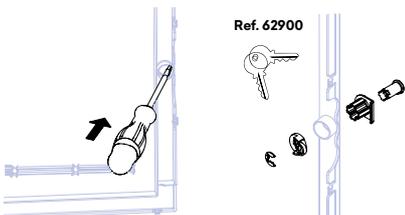


beta / gamma

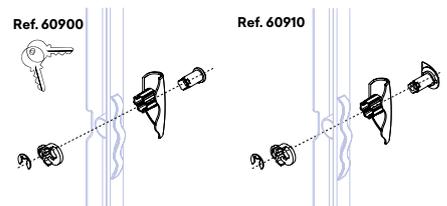
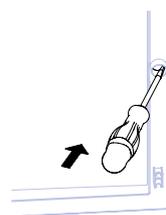


Rotary Lever Lock or Keylock Assembly

omega



beta / gamma



Distribution Panelboard | ICB Incomer Panelboard

Classification - EN 62208 Standard

Section 4	Classification	Panelboards
a	Type of material	Insulating
b	Type of installation	Recessed assembly
		To be installed in hollow walls
c	Installation location	Interior
d	Degrees of Protection	IP20 in accordance with IEC 60529
		IK07 in accordance with IEC 62262
e	Insulating voltage	U _i =400 V; Rated current: I _n ≤ 63 A with 230-400 V

Section 6.3	Documentation	Panelboards
	Admissible loads	Maximum load admissible load within the enclosure is 200 kg/m ³
		Do not apply weight to cover
	Lifting devices, where necessary	Not applicable
	Devices for protection from electric shocks	Not applicable, plastic enclosure
	Applicable conditions of use	Interior installation: Temperatures between -5 °C and +40 °C
	Data on capacity to dissipate thermal energy	Maximum interior thermal charge (1)

omega (1)		beta (1)		gamma (1)			
62004	12 W	61004	10 W	60004 1AB	12 W	60016 2BB	37 W
62008	16 W	61008	14 W	60008 1AB	16 W	60024 2BB	41 W
62012	21 W	61012	18 W	60012 1AB	21 W	60032 2BB	49 W
62016	24 W	61016	21 W	60016 2AB	24 W	60044 3BB	54 W
62024	29 W	61024	27 W	60024 2AB	29 W	60064 4BB	64 W
62032	37 W	61032	34 W	60032 2AB	37 W		
62040	41 W	61040	37 W	60040 2AB	41 W		
62048	49 W	61048	44 W	60048 2AB	49 W		
62060	54 W	61060	48 W	60060 3AB	54 W		
62080	64 W	61080	60 W	60080 4AB	64 W		

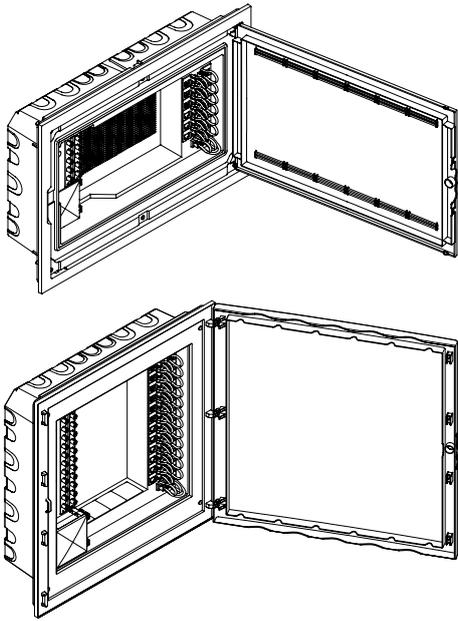
Specific Classification - EN 61439-3 Standard

Section 5.6	Documentation	Panelboards
	Nominal frequency (nf)	50 Hz
	Level of pollution	2
	Earth systems	TN
	Users	For use by people without training
	EMF environment	Type B
	Protection for people	Isolated command body and insulated enclosure - class II insulation
	Maximum stipulated short-circuit current for the protective devices (max. ICC)	10 kA
	Installation conditions	3.5.1 Interior
		3.5.3 Fixed
	Exterior design	3.3.3 Closed assembly
		3.3.10 Set for recessed fixing on a wall
	Type of DBO	3.1.103 DBO type B

Note: Should not be assembled in high-risk areas, such as places subject to variations in temperature and high pressure, locations with strong magnetic fields, or atmospheres subject to explosions, fires, vibrations and exceptional voltage fluctuations.

Telecommunication Panelboard

Description

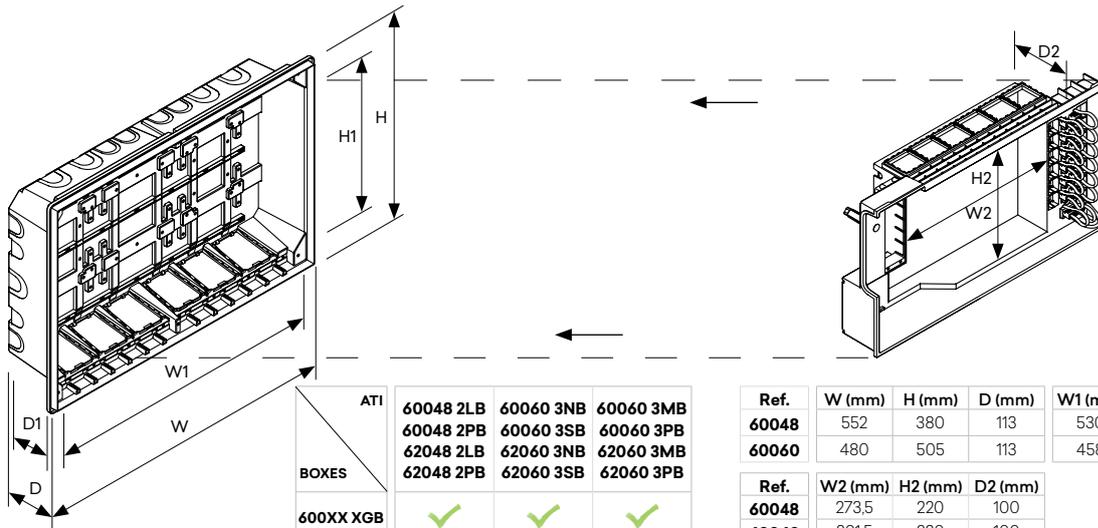


omega | gamma

- 6 Coaxial Cable Outputs (CC).
- Up to 12 Copper Pair Outputs (PC).
- 8 Coaxial Cable Outputs (CC).
- Up to 24 Copper Pair Outputs (PC).
- 12 Coaxial Cable Outputs (CC).
- Up to 24 Copper Pair Outputs (PC).
- Optical fiber organiser with 4 SC/APC couplers.
- Space available for live voltage equipment.
- Supplied with Schuko Socket.
- Supplied with Brass Terminal Earth Connection.
- Telecommunication Panelboard in Technical Thermoplastic - resistant material, non-conductive.
- White Color - RAL 9003.
- Reversible door.
- Rotary Lever Lock or Keylock option.

Note: Telecommunication panelboard not available in "BETA" Series.

Dimensions (mm)



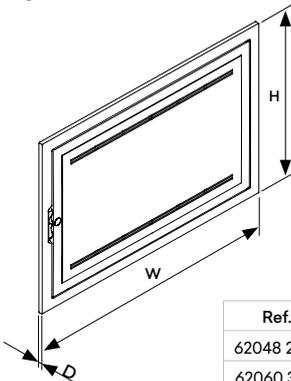
ATI	60048 2LB	60060 3NB	60060 3MB
BOXES	60048 2PB	60060 3SB	60060 3PB
600XX XGB	✓	✓	✓
610XX XGB	✗	✗	✗

Ref.	W (mm)	H (mm)	D (mm)	W1 (mm)	H1 (mm)	D1 (mm)
60048	552	380	113	530	313	92
60060	480	505	113	458	438	92

Ref.	W2 (mm)	H2 (mm)	D2 (mm)
60048	273.5	220	100
60060	201.5	320	100
62048	273.5	220	100
62060	201.5	320	100

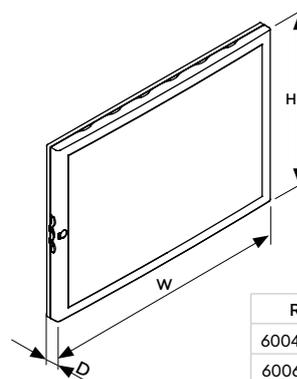
Door Dimensions (mm)

omega



Ref.	W (mm)	H (mm)	D (mm)
62048 2QB	577	400	11
62060 3RB	505	525	11

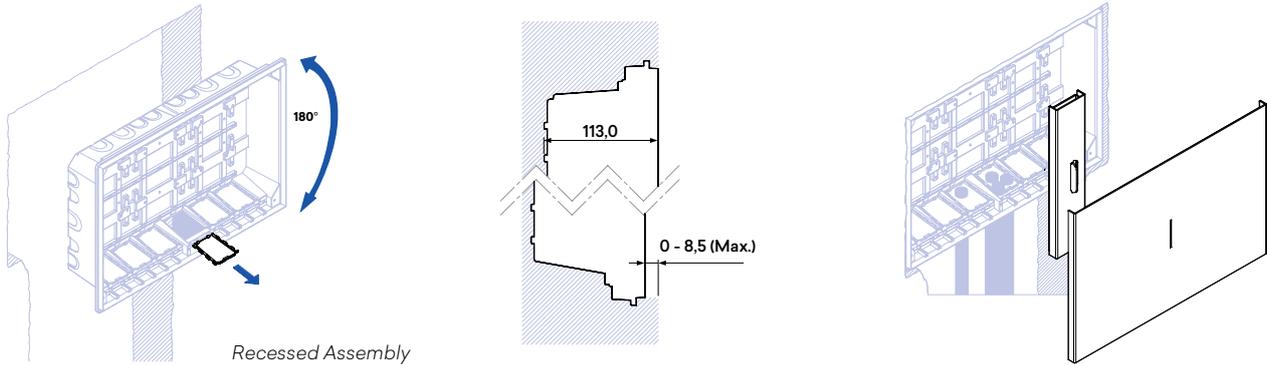
gamma



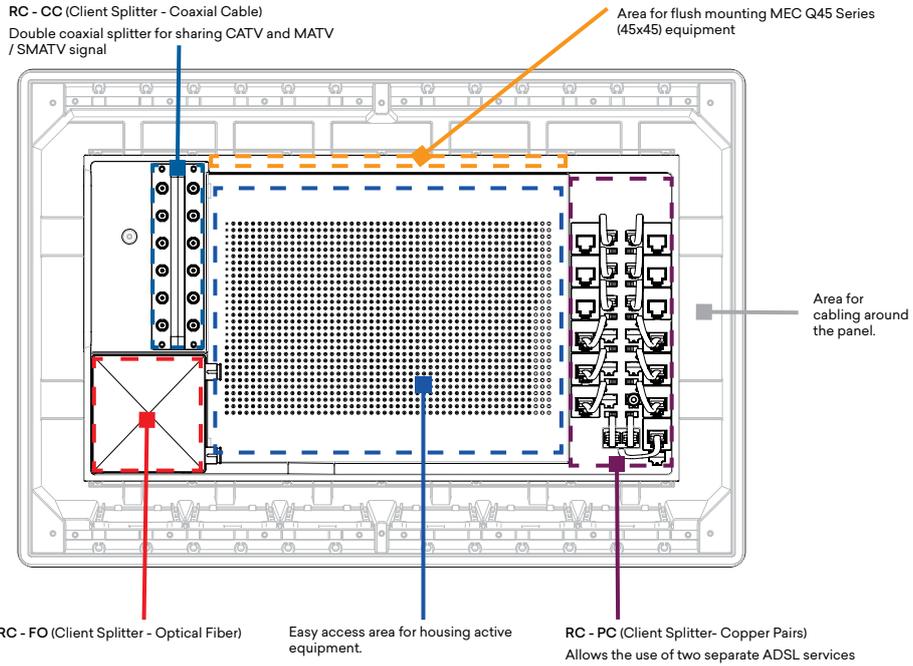
Ref.	W (mm)	H (mm)	D (mm)
60048 2QB	577	400	35
60060 3RB	505	525	35

Telecommunication Panelboard

Assembly Diagram

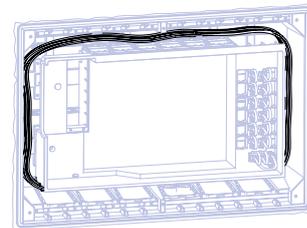
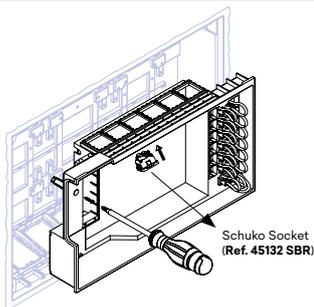


Recessed Assembly

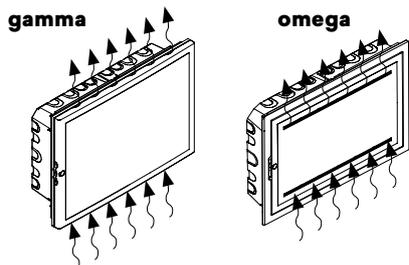


Telecom Panelboard Interior Assembly

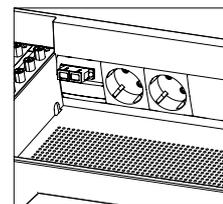
Easy Wiring



Characteristics



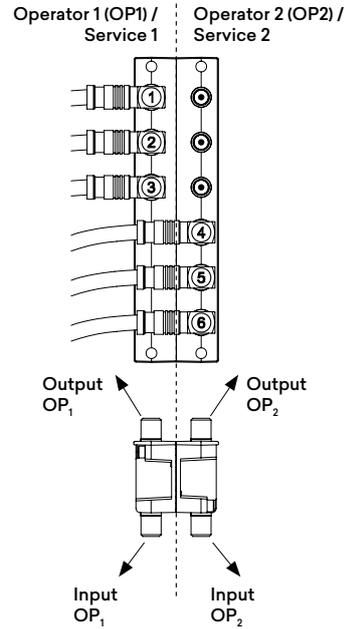
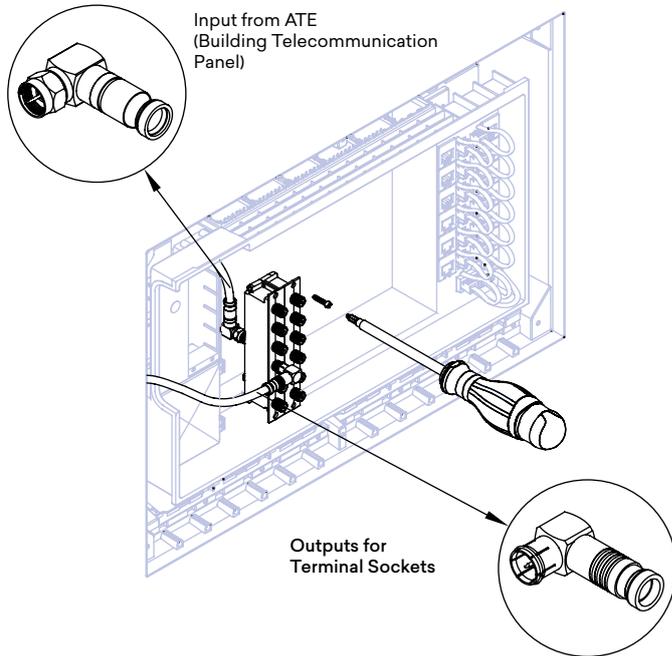
Heat dissipation capacity.
Space available for housing active equipment.
Possibility for multiple configurations through the installation of the MEC Q45 series modules (45x45).



Telecommunication Panelboard

Assembly Diagram

RC - CC (CLIENT SPLITTER - COAXIAL CABLE)

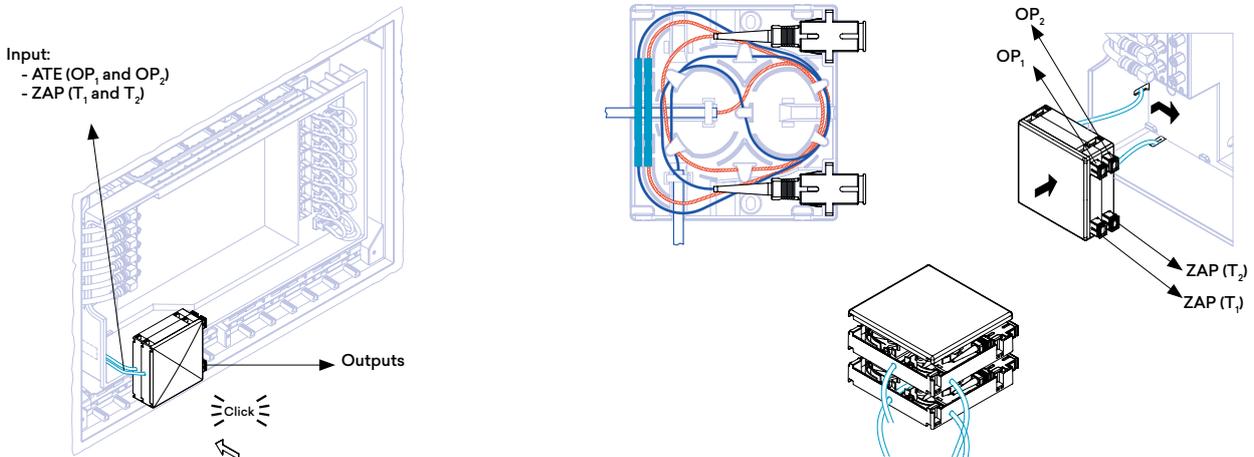


RC - CC (CLIENT SPLITTER - COAXIAL CABLE) - IMPEDANCE OF 75 Ohm

SPLITTER TYPE	CONNECTOR/ OUTPUTS	NUMBER OF OUTPUTS	INSERTION LOSSES dB (*)			INSULATION BETWEEN OUTPUTS (dB)	RETURN LOSSES		FLOW DC OUTPUTS - INPUT
			5-1000 MHz	1000-2150 MHz	2150-2400 MHz		5-2400 MHz	MHz	
RC-CC6	F	6	11	14	15	> 20 dB	5-40 40-1000 1000-1750 1750-2400	≥ 10,0 ≥ 13,0 ≥ 12,0 ≥ 11,0	YES MAX. 30 V _{DC} 700 mA
RC-CC8	F	8	12,5	15	16		5-40 40-1000 1000-1750 1750-2400	≥ 10,0 ≥ 12,0 ≥ 12,0 ≥ 10,0	
RC-CC12	F	12	15,5	19	21		5-40 40-300 300-1000 1000-1750 1750-2400	≥ 7,5 ≥ 8,5 ≥ 13,0 ≥ 12,0 ≥ 11,0	

(*) Nominal values (tolerance 2 dB)

RC - FO (CLIENT SPLITTER - OPTICAL FIBER)

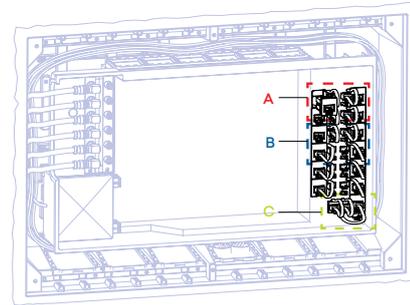
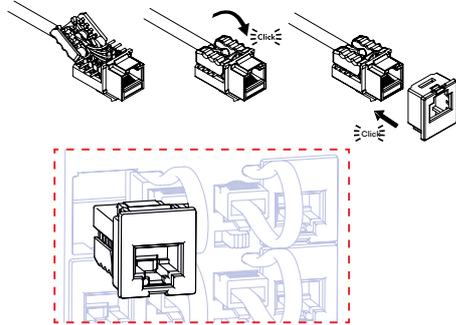


Telecommunication Panelboard

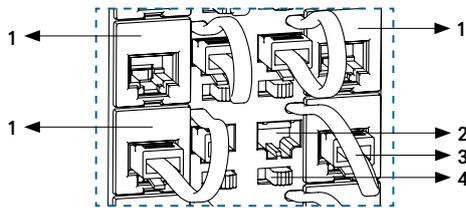
Assembly Diagram

RC - PC (CLIENT SPLITTER - COPPER PAIRS)

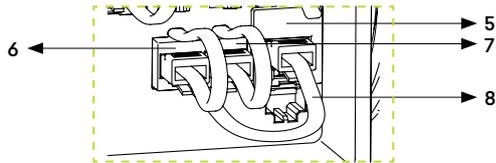
Section A



Section B

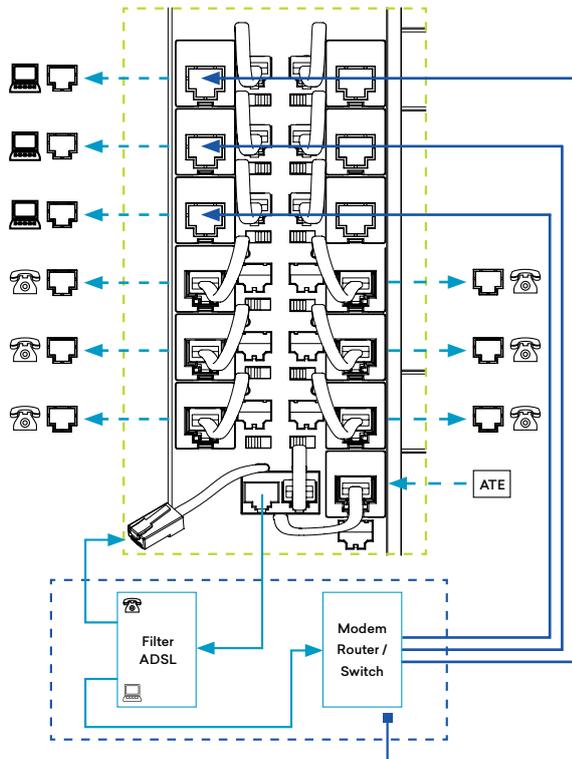


Section C



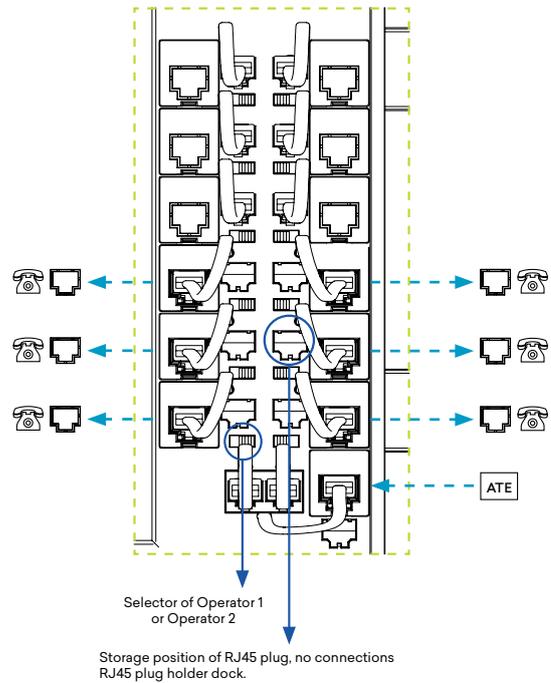
1. RJ45 connector, where the cable coming from the house telecommunications sockets is connected.
2. RJ45 plug holder dock.
3. Wire RJ45 plug with the telephone signal for Operator 1 or Operator 2 depending on the selector position. (Secondary)
4. Telephone operator selector
5. RJ45 connector, where the connection of the cable from the building's panel is made (Primary)
 - Operator 1 in pair 4-5;
 - Operator 2 in pair 6-3;
6. Operator 1.
7. Operator 2.
8. RC - CP input through a RJ45 plug.

ADSL Connection



Active equipment to be housed inside the Telecommunication Panelboard

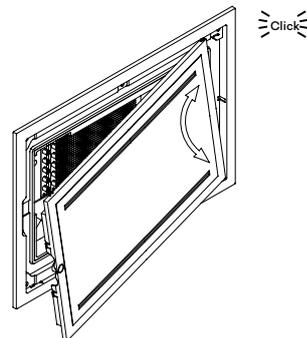
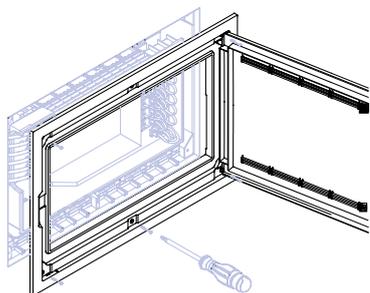
Telephone Distribution



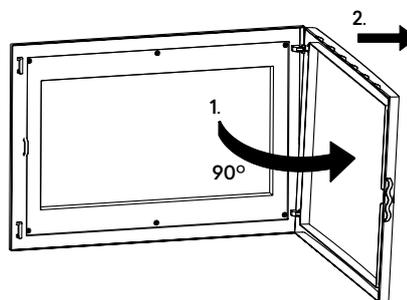
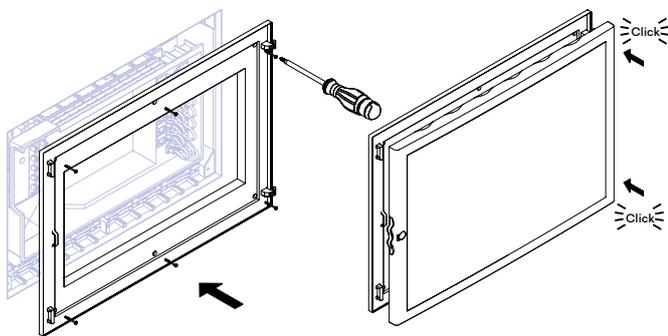
Telecommunication Panelboard

Assembly and Dismantling of Doorframe and Door

omega

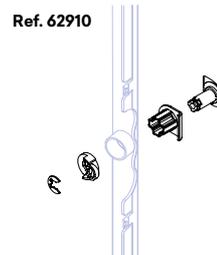
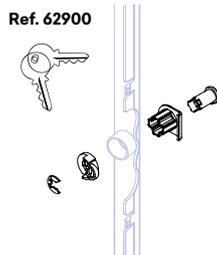
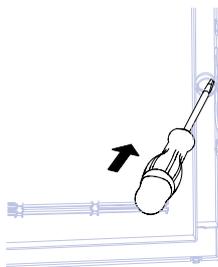


gamma

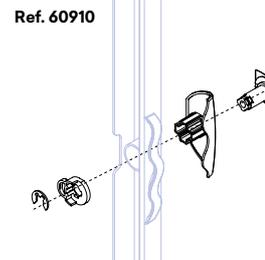
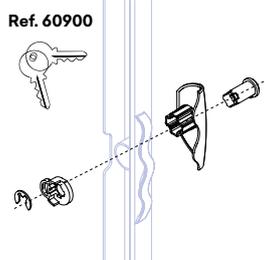
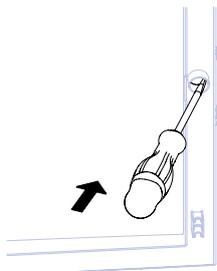


Rotary Lever Lock or Keylock Assembly

omega



gamma



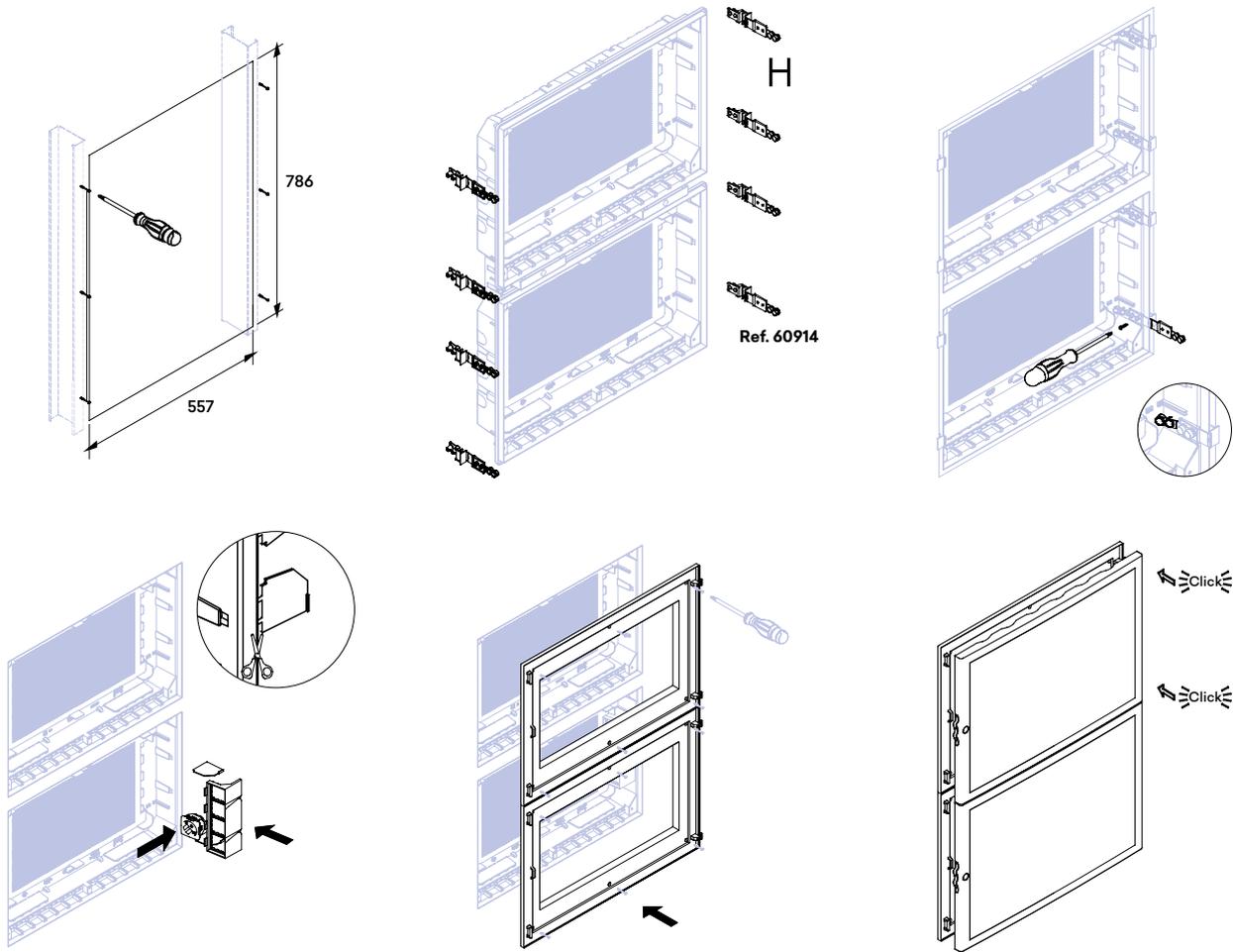
Telecommunication Panelboard

Classification - EN 62208 Standard

Section 4	Classification	Panelboards	
a	Type of material	Insulating	
b	Type of installation	Recessed Assembly	
		To be installed in hollow walls.	
c	Installation location	Interior	
d	Degrees of Protection	IP20 in accordance with IEC 60529	
		IK07 in accordance with IEC 62262	
e	Insulating voltage	U _i =400 V; Rated current: I _n ≤ 63 A con 230-400 V	
Section 6.3	Documentation	Panelboards	
	Admissible loads	Maximum load admissible within the enclosure is 200 kg/m ³	
		Do not apply weight to cover.	
	Lifting devices, where necessary	Not applicable	
	Devices for protection from electric shocks	Not applicable, plastic enclosure	
	Applicable conditions of use	Interior installation: Temperatures between -5 °C and +40 °C	
	Data on capacity to dissipate thermal energy	(60048 2LB, 60048 2PB, 60060 3NB, 60060 3SB, 60060 3MB, 60060 3PB)	
		Maximum interior thermal charge	
		60048	49 W
		60060	54 W
	Data on capacity to dissipate thermal energy	(62048 2LB, 62048 2PB, 62060 3NB, 62060 3SB, 62060 3MB, 62060 3PB)	
		Maximum interior thermal charge	
		62048	49 W
		62060	54 W

Telecommunication Panelboard (Flush Mounting Low Depth) - beta

On Hollow Walls



Classification - EN 60670 Standard

Section 7	Classification	Telecommunication Panelboard
7.1	Nature of the material	Insulating
7.2	Installation type	Recessed Assembly
		Intended to be installed on hollow walls H
7.5	Installation temperatures	-5 °C up to +60 °C
7.7	Degrees of Protection	IP20 in accordance with IEC 60529
7.8	Means for fixing the devices to the boxes	Boxes granted to receive screws