

# MODULAR DISTRIBUTION ENCLOSURES



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# ✓ WE PUT AT YOUR DISPOSAL

We offer over **45 years** providing solutions to demanding customers who require very specific characteristics and behaviour according to the sector and their needs.

## HIGH STANDARD OF QUALITY AND SERVICES

We only use materials provided by companies who offer the very **highest quality**, suitable and certified products. Our success is due to top quality assurance: ISO 9001, SGS, UL, TÜV, ISO 14000 and ISO45001.

# WHEREVER YOU GO

We are committed to working closely with our customers, providing them with **exceptional service** and offering an advanced and extensive range of products with very competitive prices.

#### CUSTOMIZE TOTALLY YOUR ENCLOSURE

Our production systems can give custom-made solutions **on demand.** Every colour from RAL chart is available to be personalized. A variety of protection standards thanks to our own painting facilities.

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# Please contact our technical sales department.

A team of professionals with high experience and ability to solve all your queries.





# MODULAR DISTRIBUTION WALL CABINETS

### TITAN SERIES (P66)





# Perfect Sealing and Impact Resistance

Enclosure made with modular profile, able to withstand electrical and mechanical high voltages, a unique design made in A304L stainless steel (polished) with a capacity up to 624 modules in a single enclosure.

Our system consists in a stainless steel perforated pro le, welded to provide great robus tness and the best quality in the market. Doors are hinged and easily removable with an opening of 120°, the sides, rear, top and bottom are also removable with screws.

Easily adaptable, it offers a great advantage: versatility, along with a host of accessories as, for instance, the mounting plates for DXP elements. They use an innovative fastening system: they slide on a guide and are secured by a locking tab at the proper depth for the correct positioning of the machine and its accessories.

The rows are standard tops 150mm. Transparent polycarbonate door combines high impact resistance (250 times stronger than glass) with excellent re resistance (UL94). With UV protection and suitable for outdoor applications.

Titan Series is also available in mild steel (painted).

FOR MORE INFORMATION CLICK HERE



#### MODULAR DISTRIBUTION WALL CABINETS TITAN SERIES [P66]



### **APPLICATIONS**

Specially designed for all types of low-voltage switchboards, secondary or tertiary terminals and industrial environments.

Also for residential, tertiary and industrial environments up to 1000A.

For environments where a esthetics is required and also durability and superior cleaning for painted enclosures or outdoor installations.



#### **NORMATIVE**

- Properties blind door:
  - o IP66 (IP55 for 2 doors) according to IEC EN 62208 and EN 60529.
  - o Degree resistance IK10 according to IEC 62208 and EN 50102.
  - o UL Nema 4x, 12, 3r, 1. File N° E342220.
- Properties transparent polycarbonate door:
  - o IP55 according to IEC EN 62208 and EN 60529.
  - o Degree IK7 resistance according to IEC 62208 and EN 50102.
  - o Light transmission of 89% and protection from UV rays.
  - o Resistance to fire: UL94.
  - o Fire classification: BS476 part 7, class IA (5 and 6 mm)
- A system which allows making distributions according to EN 60439-1 standard.
- Manufactured following EU low voltage ruling 2014/35/UE.
- Materials intended to come into contact with food EC 1935/2004 and RoHs compliant.
- Maximum voltage 1000 V.
- Temperature resistant: -40°C +100°C (short time +160°C).
- Option silicone gasket: from -60°C to +180°C (short time up to +350°C).



#### **ADVANTAGES**

- Wide view of the modules, mounting space and great accessibility.
- Modular design: enclosures can be assembled together.
- Supports up to 1000 A and allow sealing to IP66 (on request and with full doors).
- Two options: blind door or transparent polycarbonate door.
- Wide range of dimensions of width and depth to allow total exibility in the structures link.
- Welded structure which gives great resistance and strength.
- 100 % steel, from the handle to the open system.
- Standard enclosures include a closing system with handle and three or four locking points.
- Gaskets guarantee complete sealing.
- Delvalle makes any size according to your needs.



#### **OPTIONS**

- IP66 protection.
- Made to measure based on your needs with the possibility to join several modules.
- Plinths/base.
- Eyebolt.
- Swing rack.
- All types of ventilation.
- Cable entry cover.
- Metal legs and wheels.
- Transparent tempered glass or with safety glass.
- Manufactured in stainless steel AISI 316L EN 14404.
- Mounting plate insulation (bakelite) or stainless steel.
- EMC version according to 2014/30/UE of electromagnetic compatibility.

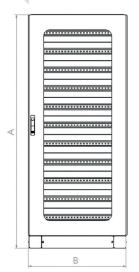


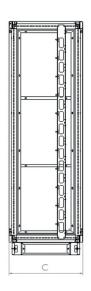
#### MODULAR DISTRIBUTION WALL CABINETS TITAN SERIES [P66]

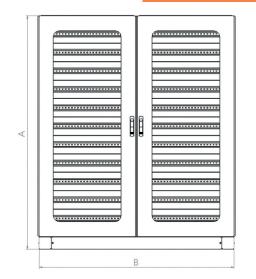




### **PLAN**







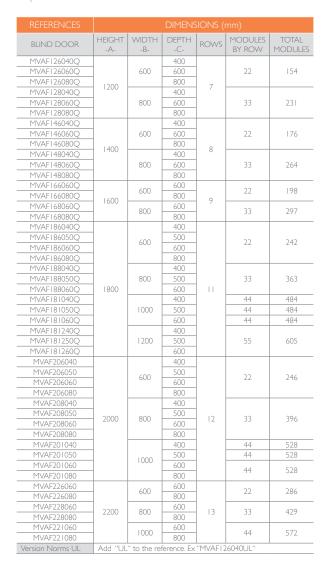


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#### REFERENCES I DOOR







### **REFERENCES 2 DOORS**

BLIND DOOR	HEIGHT -A-	WIDTH -B-	DEPTH -C-	ROWS	MODULES BY ROW	TOTAL MODULES			
MVAF181050/2Q	1800	1000	500	11	37	407			
MVAF181060/2Q	1800	1000	600		37	407			
MVAF208010/2	2000	800	1000		26	312			
MVAF201040/2		1000	400	12	37	444			
MVAF201050/2		1000	500		37	444			
MVAF201240/2			400		48				
MVAF201250/2		1200	500			F7/			
MVAF201260/2		1200	600			576			
MVAF201280/2			800						
MVAF221080/2		1000	800		37	481			
MVAF221260/2	2200	1200	600	13	48	624			
MVAF221280/2	1	1200	800		48	624			
Version Norms UL	Add "UL" to the reference. Ex "MVAF126040UL"								



# MODULAR DISTRIBUTION WALL CABINETS

## TRIBECA SERIES [P66]



Examples



# With a Capacity Up to 962 Modules

Very robust and compact enclosure made with high quality materials. It can withstand high electrical and mechanical stress. Made in AISI 304L stainless steel (polished). With a capacity up to 962 modules for differential placement and circuit breakers.

The enclosure and its wide range of accessories are designed for an easy installation, intuitive, fast and safe, also allowing compositions of one or more bodies.

The rows are standard tops 150 mm high. Transparent polycarbonate door combines high impact resistance (250 times stronger than glass) with excellent re resistance (UL 94). With UV protection and suitable for outdoor applications.

A compact design with drainage channel, polyurethane gasket and concealed hinges guarantees protection and resistance. All enclosures are sent with a protective film.

Easy and smooth opening with swing handle and four locking points, easy to x on the oor itself (plinth is recommended).

Tribeca Series is also available in mild steel (painted).

FOR MORE INFORMATION CLICK HERE



#### MODULAR DISTRIBUTION WALL CABINETS TRIBECA SERIES [P66]



### **APPLICATIONS**

Specially designed for all types of low-voltage switchboards, secondary or tertiary terminals and industrial environments. Also for residential, tertiary and industrial environments up to 1000A.

For environments where a esthetics is required and also durability and superior cleaning for painted enclosures or outdoor installations.



#### **NORMATIVE**

- Properties blind door:
  - o IP66 (IP55 for 2 doors) according to IEC EN 62208 and EN 60529.
  - o Degree resistance IK10 according to IEC 62208 and EN 50102.
  - o UL Nema 4x, 12, 3r, 1, File N° E342220.
- Properties transparent polycarbonate door:
  - o IP55 according to IEC EN 62208 and EN 60529.
  - o Degree IK7 resistance according to IEC 62208 and EN 50102.
  - o Light transmission of 89% and protection from UV rays.
  - o Resistance to fire: UL94.
  - o Fire classification: BS476 part 7, class IA (5 and 6 mm)
- A system which allows making distributions according to EN 60439-1 standard.
- Manufactured following EU low voltage ruling 2014/35/UE.
- Materials intended to come into contact with food EC 1935/2004 and RoHs compliant.
- Maximum voltage 1000 V.
- Temperature resistant: -40°C +100°C (short time +160°C).
- Option silicone gasket: from -60°C to +180°C (short time up to +350°C).



## **ADVANTAGES**

- Wide view of the modules
- Easy mounting on DIN rail.
- Supports up to 1000 A and allow sealing to IP66 (on request and with blind doors).
- Two options: blind door or transparent polycarbonate door. One or two revolving doors easily removable (120°).
- Wide range of dimensions of width and depth to allow total exibility in the structures link.
- 100 % steel, from the handle to the opening system.
- Standard enclosures include a locking system with handle and four locking points, also concealed stainless-steel hinges.
- Delvalle made by order any size that suits your needs including holes and drills on both doors and/or walls.



#### **OPTIONS**

- IP66 protection.
- Made to measure based on your needs with a choice of two doors (from 1200mm width).
- Plinths/base.
- Castors.
- Metal legs.
- Transparent door with safety glass.
- Manufactured in stainless steel AISI 316L EN 14404.
- Mounting plate insulation (bakelite) or stainless steel.
- EMC version according to 2014/30/UE of electromagnetic compatibility.

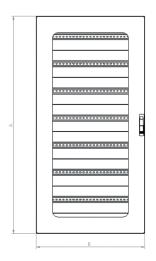


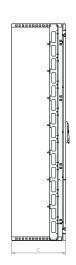
## MODULAR DISTRIBUTION WALL CABINETS TRIBECA SERIES [P66]

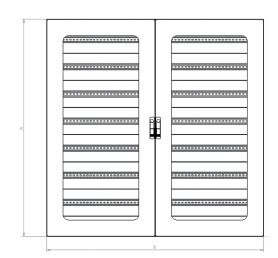


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### **REFERENCES I DOOR**

REFEF	RENCES	DIMENSIONS (mm)										
BLIND DOOR	POLYCARBONATE DOOR	HEIGHT -A-	WIDTH -B-	DEPTH -C-	ROWS	MODULES BY ROW	TOTAL MODULES	INSIDE HEIGHT	INSIDE WIDTH	INSIDE DEPTH	PLATE MEASURES	
MVAC166040Q	MVACT166040Q	1650	600			26	286		546			
MVAC168040Q	MVACT168040Q		800 1000 1200	400		37	407		746		240	
MVAC161040Q	MVACT161040Q				48	528	1566	946	370	340		
MVAC161240Q	MVACT161240Q				52	572		1146				
MVAC186040Q	MVACT186040Q	1800	600	400		26	312	1716	546	370	340	
MVAC188040Q	MVACT188040Q		800 40	400	0 12	37	444 576		746 946	370	340	
MVAC188050Q	MVACT188050Q		1800	500						470	440	
MVAC181040Q	MVACT181040Q		1000	400		48				370	340	
MVAC181050Q	MVACT181050Q		1000	500						470	440	
MVAC206040Q	MVACT206040Q		600	400		26	338		546	370	340	
MVAC208040Q	MVACT208040Q			400		2-7	40.		746	370	340	
MVAC208050Q	MVACT208050Q	2000	800	500	13	37	481	1916		470	440	
MVAC201040Q	MVACT201040Q			1000	400	100	40	42.4			370	340
MVAC201050Q	MVACT201050Q		1000	500	1	48	624		946	470	440	
Version: Normative U	Add "UL" to the reference. Ex "MVAC166040QUL"											

Separation depth plate 20 mm



## **REFERENCES 2 DOORS**

REFER	ENCES																	
BLIND DOOR	POLYCARBONATE DOOR	HEIGHT -A-	WIDTH -B-	DEPTH -C-	ROWS	MODULES BY ROW	TOTAL MODULES	INSIDE HEIGHT	INSIDE WIDTH	INSIDE DEPTH	PLATE MEASURES							
MVAC181240Q	MVACT181240Q	1800	1200	400	12	54	624	1716	1146	370	340							
MVAC181250Q	MVACT181250Q		1200	500						470	440							
MVAC201240Q	MVACT201240Q		2000	1200	400		F2	676		1146	370	340						
MVAC201250Q	MVACT201250Q			2000	2000	2000	2000			1200	500		52	0/6		1140	470	440
MVAC201440Q	MVACT201440Q							1.400	400			010	1014	1247	370	340		
MVAC201450Q	MVACT201450Q	2000	1400	500	13	63	819	1916	1346	470	440							
MVAC201640Q	MVACT201640Q		1,400	400		74	0/2		1546	370	340							
MVAC201650Q	MVACT201650Q		1600	500		74	962			470	440							
Version: Normative U	Add "UL	Add "UL" to the reference, Ex "MVAC 166040QUL"																

Separation depth plate 20 mm



# MODULAR DISTRIBUTION WALL CABINETS

### LUXOR SERIES [P66]





Examples



#### **Most Capacity** Module in the Market

Robust and compact enclosure. Designed for wall mounted installations up to 472 modules for differential placement and circuit breakers. Compact enclosure for perfect sealing and resistance with drainage channel, polyurethane joint, concealed hinges and double-bit locks in A316 stainless steel. They include a protective Im that prevents scratches and abrasions during handling.

The rows are standard tops 150 mm

The transparent polycarbonate door combines high impact resistance (250 times stronger than glass) with excellent re resistance (UL94). With UV protection and suitable for outdoor applications.

Easy opening by smooth-turning locks, maximum opening of the doors (up to 120°), maximum working width for your assemblies, easily removable, polished surface, great performance.

Luxor series is also available in mild steel (painted). We also have embedded enclosures (Bally type).

FOR MORE INFORMATION CLICK HERE



#### MODULAR DISTRIBUTION WALL CABINETS LUXOR SERIES [P66]





## **APPLICATIONS**

Specially designed for all types of low-voltage switchboards, secondary or tertiary terminals and industrial environments. Also for residential, tertiary and industrial environments up to 1000A.

For environments where a esthetics is required and also durability and superior cleaning for painted enclosures or outdoor installations.



#### **NORMATIVE**

- Properties blind door:
  - o IP66 (IP55 for 2 doors) according to IEC EN 62208 and EN 60529.
  - o Degree resistance IK10 according to IEC 62208 and EN 50102.
  - o UL Nema 4x, 12, 3r, 1. File N° E342220.
- Properties transparent polycarbonate door:
  - o IP55 according to IEC EN 62208 and EN 60529.
  - o Degree IK7 resistance according to IEC 62208 and EN 50102.
  - o Light transmission of 89% and protection from UV rays.
  - o Resistance to fire: UL94.
  - o Fire classification: BS476 part 7, class IA (5 and 6 mm).
- A system which allows making distributions according to EN 60439-1 standard.
- Manufactured following EU low voltage ruling 2014/35/UE.
- Materials intended to come into contact with food EC 1935/2004 and RoHs compliant.
- Maximum voltage 1000 V.
- Temperature resistant: -40°C +100°C (short time +160°C).
- Option silicone gasket: from -60°C to +180°C (short time up to +350°C).



## **ADVANTAGES**

- Wide view of the modules.
- Easy mounting on DIN rail.
- They are designed with different dimensions of width and depth to allow total exibility in their facilities.
- Supports up to 1000 A and allow sealing to IP66 (on request and with full doors).
- Two options: blind door or transparent polycarbonate door.
- Delvalle made by order any size that suits your needs, including holes and drills on both doors and/or walls.



#### **OPTIONS**

- Made to measure based on your needs.
- Possibility of two doors (from 800×600).
- 170° hinge that allows maximum opening for easy access to the cabinet without removing the door.
- Plinths/base.
- Metal legs.
- Wall support (not included in the standard model).
- Transparent door with safety glass.
- Manufactured in stainless steel AISI 316L EN 14404.
- Mounting plate insulation (bakelite) or stainless steel.
- EMC version according to 2014/30/UE of electromagnetic compatibility.

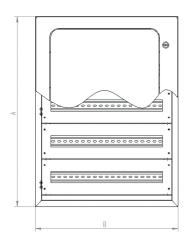


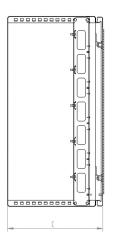
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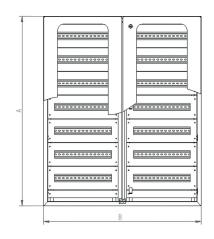


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# **REFERENCES I DOOR**

BLIND DOOR	POLYCARBONATE	HEIGHT	WIDTH	DEPTH	ROWS	MODULES	TOTAL	INSIDE	INSIDE	INSIDE	MACHINA	BLE AREA				
	DOOR	-A-	-B-	-C-	ROVVS	BY ROW	MODULES	HEIGHT	WIDTH	DEPTH	DOOR	SIDE				
MVAB302015Q	MVAB302015TQ	300	200	155	2	3	6	237	6	135	207×70	270×10				
MVAB383015Q	MVAB383015TQ	380	300	155	2	9	18	317	18	135	287×170	350×10				
MVAB383021Q	MVAB383021TQ	380	300	210	2	9	18	317	18	190	287×170	350×16				
MVAB603815Q	MVAB603815TQ	600	380	155	4	13	52	537	52	135	507×250	570×10				
MVAB603821Q	MVAB603821TQ	600	380		4	13	52	537	52		507×250	570×16				
MVAB404021Q	MVAB404021TQ	400	400	400	400	400	400		2	15	30	337	30		307×270	370×16
MVAB504021Q	MVAB504021TQ	500		210	3	15	45	437	45	190	407×270	470×16				
MVAB505021Q	MVAB505021TQ	500			3	20	60	437	60		407×270	470×16				
MVAB705021Q	MVAB705021TQ	700	500	500		4	20	80	637	80		607×370	670×16			
MVAB605021Q	MVAB605021TQ	600			4	20	80	537	80		507×370	570×16				
MVAB606021Q	MVAB606021TQ	600	600		4	26	104	537	104		507×470	570×16				
MVAB806030Q	MVAB806030TQ	800	600		5	26	130	737	130		707×470	770×25				
MVAB808030Q	MVAB808030TQ	800			5	37	185	737	185		665×630	770×25				
MVAB108030Q	MVAB108030TQ	1000	800		6	37	222	937	222	200	865×630	970×25				
MVAB128030Q	MVAB128030TQ	1200		300	8	37	296	1137	296	280	1065×630	1170×2				
MVAB101030Q	MVABI01030TQ	1000	1000	300	6	48	288	937	288		865×830	970×25				
MVAB121030Q	MVABI2I030TQ	1200	1000		8	48	384	1137	384		1065×830	1170×2				
*MVAB121230Q	*MVAB121230TQ	1200	1200		8	59	472	1146	472	275	1006×976	1170×2				
*MVAB101230Q	*MVAB101230TQ	1000	1200		6	59	354	946	354	2/3	806×976	970×24				

<sup>\*</sup> Closing lever. Separation depth plate 20mm



# **REFERENCES 2 DOORS**

2555	51.1053						50.45	1510115 /	`				
REFER		DIMENSIONS (mm)											
BLIND DOOR	POLYCARBONATE	BONATE HEIGHT WIDTH DEP	DEPTH	ROWS	MODULES	TOTAL	INSIDE	INSIDE	INSIDE	MACHINABLE AREA			
	DOOR	-A-	-B-	-C-	KOVV3	BY ROW	MODULES	HEIGHT	WIDTH	DEPTH	DOOR	SIDE	
MVAB806030DQ	MVAB806030DTQ	800	600	600	5	18	90	90 746	546	746 270 946 I146	260 × 125	260 x 130	
MVAB808030DQ	MVAB808030DTQ	800			5	30	150	746	746		260 × 225	260 x 230	
MVAB108030DQ	MVAB108030DTQ	1000	800	300	6		180	946			360 × 225	360 × 230	
MVAB128030DQ	MVAB128030DTQ	1200			8		240	1146			460 × 225	460 × 230	
MVABI01030DQ	MVABI01030DTQ	1000	1000		6	4 4	246	946	946		360 × 325	360 x 330	
MVABI2I030DQ	MVAB121030DTQ	1200	1000	,00	8		328	1146			460 × 325	460 x 330	
MVAB121230DQ	MVAB121230DTQ	1200	1200		8	52	416	1146	1146		460 × 425	460 × 430	
Version: Normative UL	- Nema	Add "U		eference. E	«"MVAB	302015QUL"							

Separation depth plate 20mm







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# MODULAR DISTRIBUTION ENCLOSURES



EMC ELECTRICAL ENCLOSURES SOLUTIONS



CABLE GLANDS & ENTRY SEALS FOR CABINETS







## **ENCLOSURES & CABINETS FOR SPECIAL REQUIREMENTS**

