

# Domae: the right solution for every home

Household  
Switchboards



Catalogue 2012

**Schneider**  
 **Electric**



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Safety of people and equipment is top on the list of priorities for electrical installation professionals who must demand products designed and produced by a manufacturer, guaranteeing:

- compliance with electrical switchgear manufacturing standards,
- a high performance industrial process, producing quality switchgear complete with their quality certificates.

### *Conform to European and international standards*

Schneider Electric guarantees conformity of Domae products to European and international standards for construction of equipment intended for domestic and similar installations:

- > **EN 60898 - IEC 60898:**  
“Overcurrent protection circuit-breakers”.
- > **EN 61008 - IEC 61008:**  
“Automatic residual current circuit-breakers”.
- > **EN 61095 - IEC 61095:**  
“Electromechanical contactors”.
- > **EN 61669 -2 -2 - IEC 61669 -2 -2:**  
“Electromagnetic remote control switches (impulse relays)” a specific specification taken from the “Fixed installation switch” standard.
- > **IEC 61643 -1:**  
“Overvoltage protection devices connected to LV distribution networks”.
- > **IEC 60670:**  
“General rules concerning switchgear enclosures for fixed electrical installations for household or similar use”.

### *Install according to proper practices*



Standard EN 60364 - IEC 60364  
“Electrical installation in buildings” defines switchgear installation rules.

The installation diagrams and recommendations proposed in this guide conform to this standard.

### *For Domae, ISO 9001/2000 certified production plants*



Benefiting from the international experience of the 26 Schneider Electric modular switchgear development and production plants, the Domae switchgear are all produced in ISO 9001/ 2000 certified plants.

From design through to dispatch, ISO certification guarantees professional organisation and consistent quality of products.





## Guaranteed Quality

### Domae : Aenor approved

The quality marks prove product conformity to their reference standard. They guarantee:

- safety of installers,
- suitability of products for their use.

**Schneider Electric guarantees that all Domae switchgear will have the Aenor  quality mark.**

**This approval was awarded on completion of tests performed in an approved laboratory in the presence of independent third parties. This third-party organisation monitors conformity to the quality mark by means of new tests conducted after random sampling.**



For electrocution protection:  
Domae residual current circuit-breakers



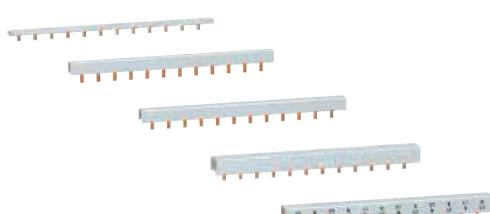
For short-circuit and overload protection:  
Domae circuit-breakers



For control:  
Domae switches



For easy installation:  
Disbo and Mini Pragma enclosures



For quick connection:  
Domae comb busbars



For lightning protection:  
Surge arresters



For audible indication:  
Bells / buzzers  
For remote control:  
Impulse relay / contactor

## CE marking

**An administrative formality for free movement and sales on the European Union territory.**

Made compulsory by European directives, CE marking of Domae products satisfies both administrative and legal requirements: intended for European supervisory authorities (customs), the "CE marking" declarations and files are prepared under the manufacturer's sole responsibility and undergo no conformity checking by a third-party organisation.

**Only the quality marks, issued and checked by an independent third-party organisation, provide complete guarantee of operation, compatibility and safety according to national and international standards.**



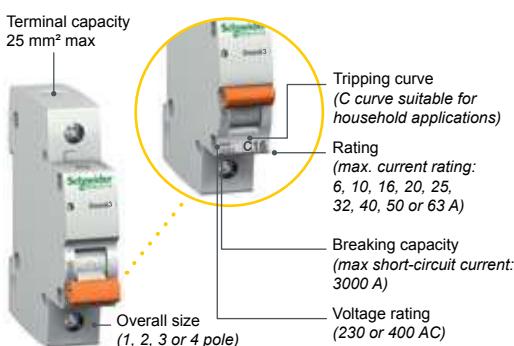
## A Comprehensive Range...

Domae products can be easily identified by their new design

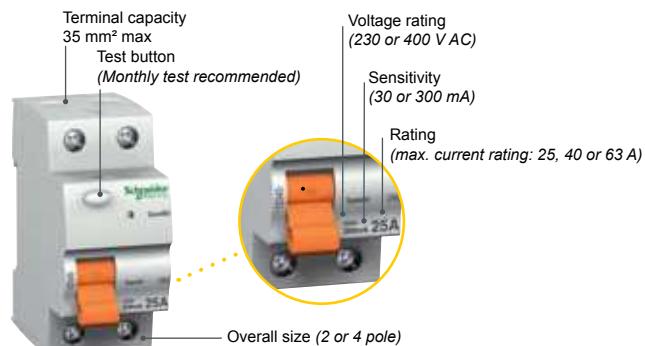


- ① Connection terminals: terminals with guard for rigid copper cables
- ② Neutral pole position indicator: N
- ③ Position handle: ON/OFF with 0/I indicator
- ④ Sales catalogue number
- ⑤ Clamping screw: Screw head: 5 mm blade or PZ2 recessed
- ⑥ Diagram
- ⑦ Brand: Schneider Electric
- ⑧ Technical information
- ⑨ Marking zone: 18x12 mm user labels (SISmarker type recommended)
- ⑩ Identification of the household range:

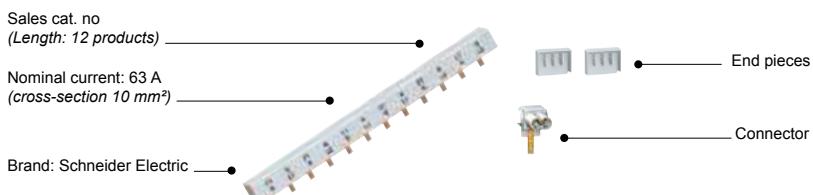
### Domae circuit-breaker



### Domae residual current circuit-breaker



### Domae comb busbar



### Surge arrester, Contactor, Impulse relay



To perform lightning protection and remote functions, surge arresters, impulse relays and contactors can be incorporated in all **Schneider Electric modular** switchboards.



## .... Adapted Solutions

### Disbo-Extra

*an new innovative design to fit all interiors*

Schneider Electric, with decades of expertise in the electrical field, signs **Disbo-Extra**, the state-of-the-art range for the final distribution boards.

Disbo-Extra consists of a line of metallic enclosures with an attractive design with vertical moulded busbars which provide a high level of safety.

Disbo-Extra fits all interiors: housing, commercial buildings...



*Disbo-Extra  
where safety  
meets design!*



• **Disbo-Extra is also available in a DIN rail version.**

• Specifically designed to accommodate Schneider Electric devices for **protection of people and equipment**.

• **Enriches your interior** with a simple and original touch of distinction with its **unique** rounded door and **attractive** smooth surfaces.



#### Unique

- Latest innovation from a world leader in power distribution.
- A professional attractive design (round shape door, color trims, lock,...)

#### Safe

- Designed according to the international standards (IEC 60439 - 3).
- Certified by a notified body of reputation (ASTA).
- Manufactured by ISO 9001 certified factories.
- Equipped with completely insulated busbar, direct contact with live parts is prevented.

#### Easy

##### to install

- Central hole in the box ensures easy installation in the wall.
- Cement spill protection preserves the interior until the components are fixed.
- Enough space is provided to give good visibility and ensure cable insertion is easy and effective.

#### Simple

##### to choose

- A comprehensive range including DIN modules, vertical busbar and accessories.
- Fully available from Schneider Electric official distributors.
- Dedicated packaging and identification for an easy selection.



*Protection of electric circuits against overloads and short-circuits.*

**DOMAE circuit-breakers  
1P, 2P, 3P, 3P+N from 6 A to 63 A**

**Technical data**

Approval	AENOR
Compliance with standards	EN 60898, IEC 60898
Marking	Zone for pasting markers or pictograms on the front face
Connection by tunnel terminals	25 mm <sup>2</sup> max. rigid copper cable



Type	Width in mod. of 9 mm	Voltage rating (V AC)	Breaking capacity (A)	Rating (A)	Cat. no. C curve
------	-----------------------	-----------------------	-----------------------	------------	------------------

1P	2	230	3 000	6	12911
1	X			10	12912
DB108962	2			16	12913
				20	12914
				25	12915
				32	12916
				40	12917
				50	12593
				63	12594



2P	4	230	3 000	6	12991
1	X			10	12992
DB108965	2			16	12993
				20	12994
				25	12995
				32	12996
				40	12989
				50	12595
				63	12596



3P	6	400	3 000	6	12778
1	X			10	12779
DB108966	2			16	12780
				20	12781
				25	12782
				32	12783
				40	12769
				50	12597
				63	12598



3P+N	8	400	3 000	6	12584
N	X			10	12585
DB108960	1			16	12586
				20	12587
				25	12588
				32	12589
				40	12590
				50	12591
				63	12592



*Protection of electric circuits against insulation faults.*

- 30 mA protection of people
- 300 mA fire protection

*Control of on-load electric circuits, already protected against overloads and short-circuits.*



Rating  $I_n \leq 40\text{ A}$



Rating  $I_n \leq 63\text{ A}$



Rating  $I_n \leq 40\text{ A}$

## DOMAE RCCBs 2P, 4P from 25 to 63 A 16790 ... 16812

### Technical data

Approval

AENOR

Compliance with standards

EN 61008

Built-in residual current device  
AC type



Common use, protected against nuisance tripping due to transient surges: lightning stroke, device switching on network, etc.

Test button

Used to check proper operation of the residual current device.

Marking

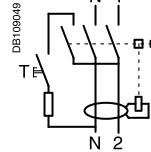
Zone for pasting markers or pictograms on the front face

Connection by tunnel terminals

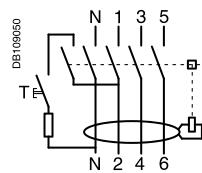
35 mm<sup>2</sup> max. rigid copper cable  
25 mm<sup>2</sup> max. flexible copper cable

Type	Width in mod. of 9 mm	Voltage rating (V AC)	Rating (A)	Sensitivity (mA)	Cat. no.
------	-----------------------	-----------------------	------------	------------------	----------

1P + neutral	4	230	25	30	16790
				300	16792
			40	30	16793
				300	16795
			63	30	16791
				300	16798



3P + neutral	8	400	25	30	16807
				300	16833
			40	30	16810
				300	16812
			63	30	16794
				300	16796





*Protection of electric circuits and electronic equipment against indirect overvoltages due to lightning effect.*

### Function

- Includes lightning protection and an end of life safety disconnector.
- Pre-equipped with a connection accessory for the electrical link between the surge arrester and the incoming residual current circuit-breaker (1P+N only), an earthing terminal block and a connecting cable, for quick implementation in compliance with installation rules.

### DOMAE surge arresters 1P+N & 3P+N 16612 ... 16613

#### Technical data



Compliance with standards	IEC 60364 Guide EN 61643-12 Product standard: EN 61643-11 Type 2 IEC 61643- 1 T2	
Maximum discharge current Imax (8/20)	10 kA	
Nominal discharge current In (8/20)	5 kA	
Breaking capacity at 50 Hz	6 kA	
Level of protection Up (In)	< 1500 V	
Maximum continuous operating voltage Uc	In common mode CM	275 V (phase-to-earth, neutral-to-earth)
	In differential mode DM	275 V (phase-to-neutral)
Rated voltage Un	1P+N: 230 V AC 3P+N: 230/400 V AC	
Rated frequency	50/60 Hz	
End of life indication	Red mechanical indicator and toggle in OFF position	
Connection by tunnel terminals	Phase and neutral	16 mm <sup>2</sup> rigid copper cable
	Earth	16 mm <sup>2</sup> rigid copper cable
Delivered with	Lug to be crimped for earthing cable	

Type	Width in mod. Cat. no. of 9 mm	
Domae Quick PF 10 kA 1P+N	4	16612
Domae Quick PF 10 kA 3P+N	10	16613



*Control and disconnection of on-load electrical circuits already protected against overloads and short-circuits.*



PB101331-35



PB101332 - 35



PB101333 - 35



PB101334 - 35

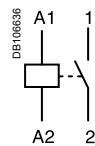
DOMAE switches		12456 ... 12467
Technical data		
Approval	VDE, AENOR, GOST	
Compliance with standards	EN 60669-1, IEC 60669-2-4	
Marking	Zone for pasting markers or pictograms on the front face	
Disconnection	Yes according to IEC 60669-2-4	
Manual control	On front face by O - I lever	
Frequency	50/60 Hz	
Insulation voltage	500 V AC	
Connection	Upstream/downstream: by tunnel terminals, flexible or rigid cables without end: Max. 2 × 16 mm <sup>2</sup> or 1 × 35 mm <sup>2</sup>	

Type	Width in mod. of 9 mm	Voltage rating (V AC)	Rating (A)	Cat. no.
1P	2	230	25 40	12456 12457
2P	4	400	25 40 63	12459 12460 12461
3P	6	400	25 40	12462 12463
4P	8	400	25 40 63	12465 12466 12467

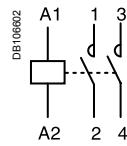


## TL Impulse Relays CT Contactors SO Bells, RO Buzzers

*Remote control of a single-phase lighting circuit by impulse type electrical order.*



*Remote control of a single-phase lighting circuit by latched type electrical order.*



*Audible indication for homes.*



### DOMAE TL impulse relays      Cat. no. 15508

#### General data

Width in mod. of 9 mm	2
Approval	VDE
Compliance with standards	EN 60669
Number of switching operations	Per Day
	100
	Total
	200,000
Maximum switching frequency	5 switching operations per minute
Marking	Clip-on markers on front face
Position indication	On front face by O-I lever
Applications	Incandescent, LV halogen (resistive loads), fluorescent, discharge lamps (inductive loads) lighting circuits.

#### Control circuit (coil)

Control voltage	230 V AC
Coil inrush consumption (at 20°C)	19 VA
Impulse duration	50 ms
Manual control	On front face by O - I lever
Connection by tunnel terminals	Flexible or rigid cables (with or without end): 2 × 0.5 mm <sup>2</sup> to 2 × 1.5 mm <sup>2</sup>

#### Power circuit (contact)

Number	1
Rating	16 A
Voltage rating	250 V AC
Connection by tunnel terminals	Flexible or rigid cables : 2 × 1.5 mm <sup>2</sup> with end, 2 × 2.5 mm <sup>2</sup> to 1 × 4 mm <sup>2</sup> without end

### DOMAE CT contactors      Cat. no. 15370

#### General data

Width in mod. of 9 mm	2
Approval	VDE, IMQ
Compliance with standards	EN 61095
Number of switching operations	Per Day
	100
	Total
	200,000
Marking	Clip-on markers on front face
Signalisation	A red mechanical indicator light comes on if the coil is energised and the contacts in make mode
Applications	For lighting, heating, mechanical ventilation systems

#### Control circuit (coil)

Control Voltage	230 V AC
Coil consumption (at 20°C)	Inrush
	15 VA
	Holding
	1.2 VA
Connection by tunnel terminals	Flexible or rigid cables : 2 × 1.5 mm <sup>2</sup> with end and 2 × 2.5 mm <sup>2</sup> or 1 × 4 mm <sup>2</sup> without end

#### Power circuit (contacts)

Number	2 NO
Rating	20 A
Voltage rating	250 V AC
Connection by tunnels terminal	Flexible or rigid cables: 2 × 1.5 mm <sup>2</sup> with end and 2 × 2.5 mm <sup>2</sup> or 1 × 4 mm <sup>2</sup> without end

<b>SO Bells</b>	<b>230 V AC</b>	<b>12 V AC</b>
<b>RO Buzzers</b>	<b>Cat. no. 15320</b>	<b>Cat. no. 15321</b>
	<b>Cat. no. 15322</b>	<b>Cat. no. 15323</b>

#### Technical data

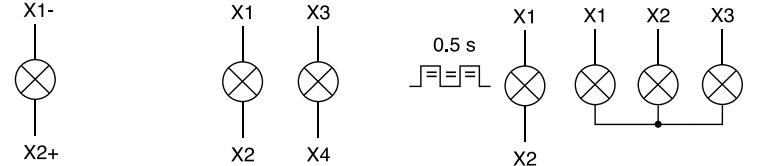
Width in mod. of 9 mm	2
Sound level at 60 cm	80 dBA (SO Bells)      70 dBA (RO Buzzers)
Frequency	50/60 Hz
Voltage rating	230 V AC
Consumption	5 VA
Connection by tunnel terminals	4 mm <sup>2</sup> cable
Voltage transformer	NO
	Cat. no. 15213



The V indicator lights are used for luminous indication.

The V indicator light range consists of:

**single indicator light**      **double indicator light**      **blinker**      **three-phase voltage indicator light**



## Technical Data

- complies with standard IEC 60947-5-1 (excepted cat. n° 18327 complies with standard IEC 73 and IEC 1000-4)
- operating frequency: 50...60 Hz
- indicator light with LED technology:
  - consumption by indicator light: 0.3 W (0.5 W for cat. n° 18327)
  - service life: 100,000 hours with constant luminous efficiency
  - indicator light requires no maintenance (non-interchangeable LEDs)
- blinker frequency: 2 Hz
- degree of protection:
  - IP4/IPxxD for the part outside the enclosure
  - IP2/IPxxB at the terminals
- divisible partition for the teeth of any comb busbar to fit into
- degree of pollution: 3 (2 for cat. n° 18325)
- operating temperature: -20 °C...+50 °C
- storage temperature: -40 °C...+100 °C
- tropicalisation: treatment 2 (relative humidity 95 % at 55 °C)
- connection by rigid or flexible cable with or without cable end:
  - tunnel terminals up to 2 x 2.5 mm<sup>2</sup>, +/- recess screw, Pozidriv n°1
  - staggered terminals simplifying cable connection.



Type	Width in mod. of 9 mm	Colour	Catalogue number	Catalogue number
<b>Single indicator light</b>				
	2	Red	18320	18330
		Green	18321	18331
		White	18322	18332
		Blue	18323	18333
		Yellow	18324	18334

<b>Double indicator light</b>				
	2	Green/red	18325	
	2	White/white	18328	
	2	Green/red		18335

<b>Blinker</b>				
	2	Red	18326	

Type	Width in mod. of 9 mm	Colour	Catalogue number
<b>Three-phase voltage indicator light</b>			
	2	Red/red/red	18327



## Functions

### MIN, MINs

These timers allow closing and then opening of a contact in a determined time.

### MINp, MINt

This timer allows closing and then opening of a contact in a determined time, and it also provides warning that the lighting is about to be switched off by flickering of the lamplight. (switch-off warning). The MINt timer is the same as MINp with an "impulse relay" additional function (see "MINt" technical data).

### PRE

This is used in association with MIN or MINs timers and only on incandescent lighting circuits (not used on fluorescent, fluocompact lamps and very low voltage halogen lamps). It provides warning that the lighting is about to be switched off by reducing the brightness by 50% during the 20 to 60 s warning time.

Catalogue numbers	MIN 15363	MINs CCT15232	MINp CCT15233	MINt CCT15234	PRE 15376
<b>Technical data</b>					
Voltage (+10 %, -15%)	230 V AC	230 V AC	230 V AC	230 V AC	230 V AC
Frequency	50 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Adjustable time delay	1 to 7 min.	0.5 to 20 min.	0.5 to 20 min.	0.5 to 20 min.	20 to 60 s
Long time delay			1 h	1 h	
Consumption	1 VA	< 6 VA	< 6 VA	< 6 VA	
Switching capacity ( $\cos \phi = 1$ )	16 A	16 A	16 A	16 A	
Operating temperature	-10 to +50 °C	-25 to +50 °C	-25 to +55 °C	-25 to +55 °C	-10 to +50 °C
Width (9 mm modules)	2	2	2	2	2
1 screw connection per pole for cables up to 6 mm <sup>2</sup>	■	■	■	■	■
Selection of the type of connection (3 or 4 wires)	Selector switch	Automatic	Automatic	Automatic	
Mechanical compatibility with electrical distribution comb busbar		■	■	■	
Switch-off warning function			■	■	■
Impulse relay function				■	
Product photo	P111645	P111642	P111643	P111644	P111656
Diagram (connection)					



Residential lighting management



Bell management in schools

**Time switches are used to accurately and automatically program the operation of heating, lighting, ventilation, access control, bells, roller blinds, etc.**

### Energy savings

The installation only operates when necessary, and during low-rate periods.

### Convenient use

Customization of operating periods, accurate start-up.

### Increased security

Simulation of presence with the random operating mode proposed in IHP+' versions.



Heating and ventilation management in buildings



Access management in buildings

### The intuitive switches

With 4 keys and a display, they operate on a weekly cycle: the same program is repeated week after week.



### The multifunctional switches

They operate with weekly or annual time programming distributed across 1, 2, 3 or 4 channels, 6 inputs to condition the functions.

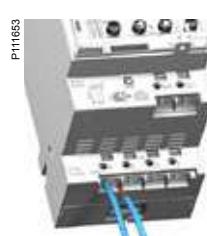
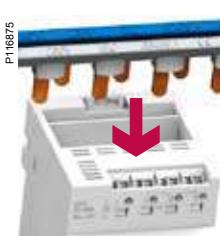
### The mechanical switches

They operate on an hourly, daily or weekly cycle: the same program is repeated hour after hour (IH 60mn), day after day (IH 24h) or week after week (IH 7j).

## Advanced features of 45 mm intuitive switches

### Time-savings with intuitive programming

- Only 4 keys.
- Choice of language and guiding in the menus by key words to create, check, modify or partially or totally delete the program.
- Time updating and changeover to winter/summer time:
  - automatic: selected when programming the changeover date (according to geographic area),
  - manually by the user,
  - without modification of programs.



P83581

### Unique programming legibility

Large screen for display of:

- Hour, minutes and day of the week
- Current operating mode
- Channel switching status ("On", "Off")
- Control mode (automatic, override, permanent, holiday or random for the + version)
- Operation on mains or battery

### Simplified installation

- Mechanical compatibility with electrical distribution busbar
- Direct connection of loads up to 16 A under 250 V
- Fast connection: 2 screw-less terminals per pole for cables up to 2.5 mm<sup>2</sup>
- Installation leaflet always available in the device thanks to the built-in leaflet holder slot
- Swivel, sealable cover.

### Simplified use

- Backlit display.
- Saving and duplicating of programs with memory key.
- Programming with a programming kit for PC.
- Control of the time switch away from the panelboard via external inputs.



## Choice table

The time switches control opening and closing of one or more separate circuits according to a programming pre-set by the user:

b by memorisation of On and Off switching operations for the IHP switches

b by positioning of jumpers or captive segments on a programming dial for the mechanical IH switches.

An IHP or IH time switch is chosen according to the following criteria:

Designation	Number of channels	Cycle period (d: day)	Minimum time between 2 switching operations	Number of switching operations	Saving on mains cut off	Width (modules of 9 mm)	Override controls On / Off	Output contact changeover switch ( $\cos \alpha = 1$ )	Time changeover (summer/winter)
<b>The intuitive switches</b>									
IHP 1c	1	24 h and/or 7 d	1 min.	56	6 years	5	On / Off	16 A	Auto
IHP + 1c	1	24 h and/or 7 d	1 s	84	6 years	5	On / Off	16 A	Auto
IHP 2c	2	24 h and/or 7 d	1 min.	56	6 years	5	On / Off	16 A	Auto
IHP + 2c	2	24 h and/or 7 d	1 s	84	6 years	5	On / Off	16 A	Auto
IHP DCF 1c <sup>(1)</sup>	1	24 h and/or 7 d	1 s	42	4 years	5	On / Off	16 A	Auto
IHP 1c (UL) <sup>(2)</sup>	1	24 h and/or 7 d	1 min.	28	3 years	5	On / Off	16 A	Auto
<b>The 18 mm intuitive switches</b>									
IHP 1c 18 mm	1	24 h and/or 7 d	1 min.	28	3 years	2	On / Off	16 A	Auto
IHP + 1c 18 mm	1	24 h and/or 7 d	1 min.	42	3 years	2	On / Off	16 A	Auto
<b>The multifunctional switch</b>									
ITM 4C-6E <sup>(3)</sup>	4	60 min., 24 h, 7 d, 7 d + dated	1 s	<sup>(4)</sup>	5 years	10	On/Off <sup>(5)</sup>	10 A	Auto
<b>The mechanical switches</b>									
IH 60mn 1c SRM	1	60 min.	37.5 s	48 On - 48 Off	none	6	On	10 A	Manual
IH 24h 1c SRM	1	24 h	15 min.	48 On - 48 Off	none	6	On	16 A	Manual
IH 24h 1c ARM	1	24 h	15 min.	48 On - 48 Off	200 h <sup>(5)</sup>	6	On	16 A	Manual
IH 24h 2c ARM	2	24 h	30 min.	24 On - 24 Off	150 h	6	On	16 A	Manual
IH 7j 1c ARM	1	7 days	2 h	42 On - 42 Off	200 h <sup>(5)</sup>	6	On	16 A	Manual
IH 24h + 7j 1+1c ARM	1+1	24 h + 7 days	45 min. + 12 h	16 On - 16 Off + 7 On - 7 Off	150 h	6	On	16 A	Manual
<b>The 18 mm mechanical switches</b>									
IHH 7j 1c ARM	1	7 days	2 h	42 On - 42 Off	100 h	2	On / Off	16 A	Manual
IH 24h 1c ARM	1	24 h	15 min.	48 On - 48 Off	100 h	2	On / Off	16 A	Manual
IH 24h 1c SRM	1	24 h	15 min.	48 On - 48 Off	none	2	On / Off	16 A	Manual
<b>Accessories</b>									
Programming kit <sup>(7)</sup>									
Memory key <sup>(7)</sup>									
Memory cartridge <sup>(8)</sup>									
ANT DCF antenna									

<sup>(1)</sup> The IHP DCF is synchronised on the Frankfort transmitter via the ANT DCF antenna.

<sup>(2)</sup> Supply voltage: 120 V CA.

<sup>(3)</sup> 4 output channels and 6 condition inputs.

<sup>(4)</sup> 45 time brackets in weekly time programming, 15 time brackets in annual time programming, 20 different pulses in pulse programming.

<sup>(5)</sup> 100 h for 100 V CA supply voltage.

<sup>(6)</sup> On/Off via an override input or a condition input.

<sup>(7)</sup> For IHP +1c and IHP+ 2c.

<sup>(8)</sup> For ITM 4c-6E.



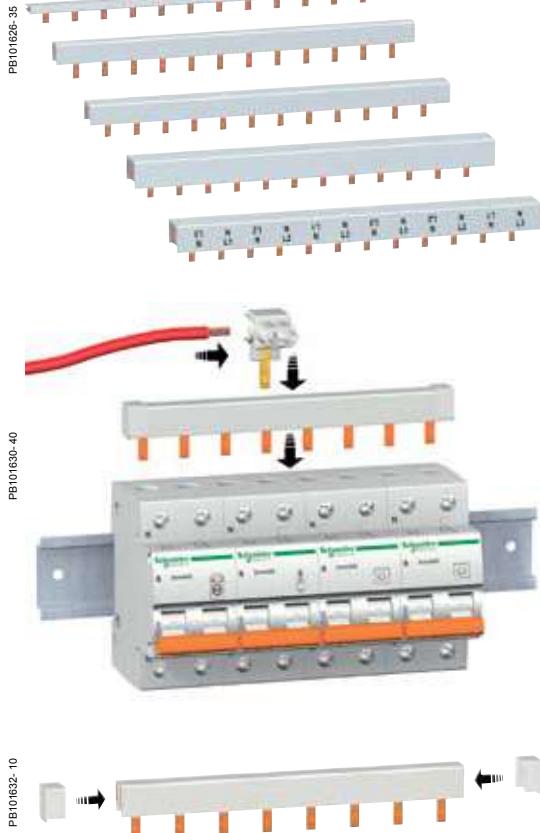
	Back-lit display, random function and pulse programming (9)	"Absence for holidays" function	Screwless connection	Mechanical compatibility with electrical distribution comb busbars	Input for external control	Instruction manual holder on front face	Memory key integrated in front face	Cat. no.
b	b	b	b	b	1 input	b	b	<b>CCT15720 (10)</b>
b	b	b	b	b		b	b	<b>CCT15721 (10)</b>
b	b	b	b	b	2 inputs	b	b	<b>CCT15722 (10)</b>
Random function	b					b		<b>15857</b>
						b		<b>15830</b>
b	b		b					<b>15724 (10)</b>
								<b>15725 (10)</b>
Pulse function			b			b	b	<b>15270</b>
			b					<b>CCT15338 ⓘ</b>
			b					<b>CCT16364 ⓘ</b>
			b					<b>CCT15365 ⓘ</b>
			b					<b>15337</b>
			b					<b>CCT15367 ⓘ</b>
								<b>15366</b>
								<b>15331</b>
								<b>15336</b>
								<b>15335</b>
								<b>CCT15860</b>
								<b>CCT15861</b>
								<b>15280</b>
								<b>15858</b>

(9) Pulse programming allows switching operations of a duration less than one minute (adjustable from 1 to 59 s); a pulse control always has priority.

(10) French, English, Italian, Spanish, German, Portuguese languages.



*Distribution of electrical power supply  
in an enclosure. Quick assembly and  
disassembly of the devices connected.*



PB101626-35

PB101630-40

PB101632-10

### DOMAE Comb busbars

**10387...10395**

#### Technical data

Compliance with standards	IEC 60439-1, EN 60439-1
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Rated current	63 A
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Voltage rating	Phase-to-neutral	230 V AC
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Phase-to-phase	400 V AC
----------------	----------

These comb busbars can be mounted on Domae devices.

#### Power supply

The comb busbars are supplied by 16 mm<sup>2</sup> semi-rigid or 10 mm<sup>2</sup> flexible cable

With connector by 35 mm<sup>2</sup> semi-rigid or 25 mm<sup>2</sup> flexible cable

#### Pre-cut comb busbars

Type	Rating (A)	Width in mod. of 9 mm	Description	Cat. no.
1 Ph	63	24	1 x 12-module comb busbar 1 x 10 mm <sup>2</sup>	10387
2 Ph	63	24	1 x 12-module comb busbar 2 x 10 mm <sup>2</sup>	10389
3 Ph	63	24	1 x 12-module comb busbar 3 x 10 mm <sup>2</sup>	10391
4 Ph	63	24	1 x 12-module comb busbar 4 x 10 mm <sup>2</sup>	10393

#### 1 m long comb busbars

Type	Rating (A)	Length (m)	Description	Cat. no.
1 Ph	63	1	1 recuttable 1 m bar 1 x 10 mm <sup>2</sup>	10388
2 Ph	63	1	1 recuttable 1 m bar 2 x 10 mm <sup>2</sup>	10390
3 Ph	63	1	1 recuttable 1 m bar 3 x 10 mm <sup>2</sup>	10392
4 Ph	63	1	1 recuttable 1 m bar 4 x 10 mm <sup>2</sup>	10394
L1-N	63	1	1 recuttable 1 m bar 4 x 16 mm <sup>2</sup>	10395
L2-N				
L3-N				

#### Accessories

**Cat. no.**

1 set of four 35 mm <sup>2</sup> connectors	10397
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1 set of 10 bar end pieces (2 phases)	10398
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1 set of 10 bar end-pieces (3 phases)	10399
---------------------------------------	-------

1 set of 10 bar end-pieces (4 phases)	10405
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1 set of 10 tooth shields	10396
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### Description

Disbo-Extra Single Phase is a durable product manufactured by Schneider Electric the world leader in power distribution.

Disbo-Extra Single Phase is specifically designed to accommodate Schneider Electric devices for protection of people and equipment, through its large choice of incomers (switch disconnector, Miniature Circuit Breaker) and outgoing Miniature Circuit Breaker (Multi 9 range).

### Technical Data



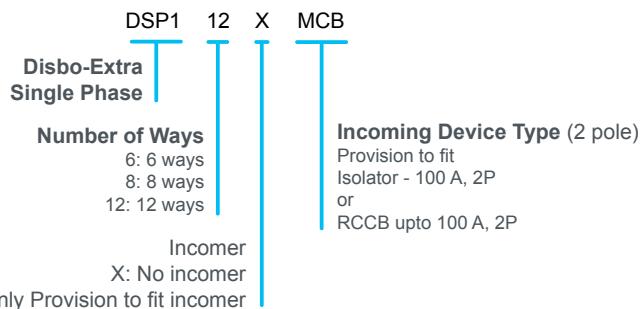
Disbo-Extra Single Phase enclosure range is adapted to a large variety of requirements:

- Single phase
- Current rating up to 100 A
- 2 types: row and tested busbars
- From 6 to 12 ways in busbar type
- From 8 to 16 module in 1 ROW type
- Degree of Protection: IP31
- 1.2 mm thick zinc coated sheet steel
- RAL 9002
- Tested busbar according to IEC60439-3
- Flush or surface mounted

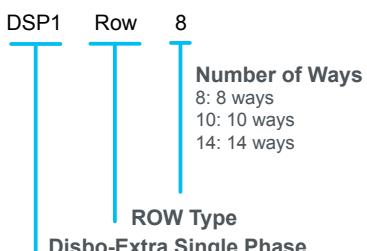
### Product Reference



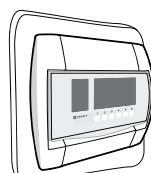
Tested busbar according to IEC60439



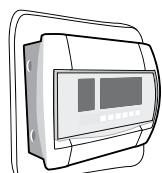
Flow type suitable for MG control range



### Consumer Units Dimension and Installation Type



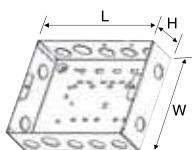
Flush Mounted



Surface Mounted

Number of Ways	ROW Type	L	W	H
BOX 6 WAYS	8 WAYS	239	208	73
BOX 8 WAYS	10 WAYS	315	208	73
BOX 12 WAYS	14 WAYS	391	208	73

Notes: 1. No. of ways excluding the main breaker  
2. METAL BOX outside dimension  
3. All dimensions in mm



**Creativity**

The original "made in France" design of Disbo-Extra follows the latest trends in aesthetics and architecture.

**Elegance**

Whatever the installation sets out to meet, Disbo-Extra responds in the most efficient and elegant way.

**Distinction**

With its unique rounded door and attractive smooth surfaces, Disbo-Extra enriches your interior with a simple and original touch of distinction.

**Colorful**

Thanks to more than 20 modern and sober optional colors, personalisation takes new meaning with Disbo-Extra.

Pistachio green	Sand	Glacial Blue	Ivory
Slate grey	Cocoa brown	Garnet	Mink
Polar white	Water green	Champagne	Fog grey
Apple green	Indigo blue	Terracotta red	Orange
Manganese Blue	Mauve	Technical Grey	Cream

**Incoming Devices****Switch Disconnectors**

*Control and isolation of electrical circuits*

Comply with IEC 60947 - 1 and 60742 - 3 standards

- **I switches**

Current rating 40 to 125 A

Insulation voltage: 580 V

**Circuit Breakers**

*Protection of circuits against overload and short-circuit currents*

Comply with IEC 60947 - 1 and 60742 - 3 standards

Moulded Case Circuit Breakers

- **Easypact - EZ100**

Current rating 40 to 100 A

Breaking capacity at 380 V: 18 kA

- **Easypact - EZ250**

Current rating 125 to 250 A

Breaking capacity at 380 V: 36 kA

- **Compact NS100 - NS160 - NS250 - NSX100 - NSX160 - NSX250**

Current rating 16 A to 250 A

Breaking capacity at 380 V:

- NS100N - NS160 & NS250N: 36 kA

- NSX100B - NSX160B & NSX250B: 25 kA

- NSX100F - NSX160F & NSX250F: 36 kA

Adjustable trip unit

Total discrimination as standard with downstream circuit breakers

**Earth Leakage Protection**

*Protection of people and goods against fire and electrical shocks*

Specially recommended for humid and public areas

- **RCCB**

Complies with IEC 61008 standard

Current rating 40 A to 125 A

Sensitivity: 300 mA

Instantaneous trip release

Self supplied by distribution voltage, does not require any external source

**Outgoing Miniature Circuit Breakers****Standard Protection**

*Protection of circuits against overload and short circuit currents*

Complies with IEC 60947 and IEC 60898 standards

- Domae

Current rating 6 to 63 A

Breaking capacity at 220 / 380 V: 3 kA

Available in 1, 2 and 3 poles

Recommended for housing and commercial applications

- C60N - C60H - C60L

Current rating 0,5 to 63 A

Breaking capacity at 220 / 380 V:

- C60N: 10 kA

- C60H: 15 kA

- C60L: 25 kA

Available in 1, 2 and 3 poles

Recommended for commercial and industrial applications

**Full Protection**

*Complete protection of circuits against overload and short circuit currents as well as protection of people and goods against fire and electrical shocks. Complies with IEC 61009 standard*

- C60H - RCBO

Current rating 6 to 45 A

Breaking capacity at 220 / 380 V: 10 kA

Sensitivity 30 or 100 mA

Automatic tripping in case of loss of neutral and inversion between phase and neutral

Phase and neutral in one pole module of 18 mm width

Recommended for humid and public areas





### Function

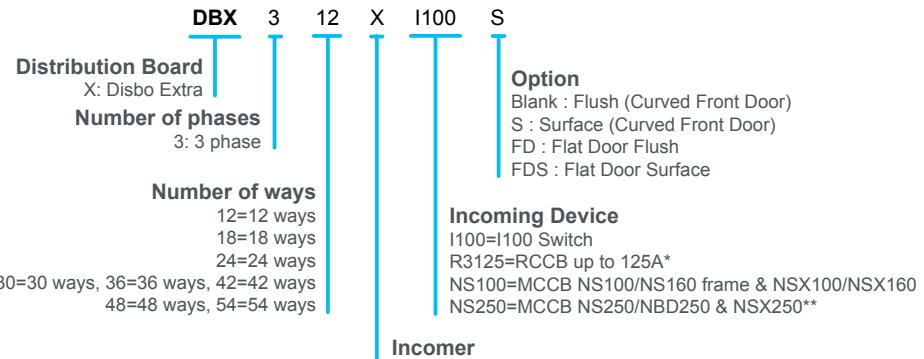
- Vertical installation
- Supplied for outgoing circuits through incoming devices

### Technical Data

- Complies with IEC 60439 - 3
- Current rating upto 250 A
- Short-circuit withstand: 17 kA rms for 200 ms
- Peak short time withstand: 35 kA
- Index of Protection: IP31 as per IEC 60529 for curved door version
- Index of Protection: IP41 as per IEC 60529 for flat door version
- Zinc coated metal sheet of 1.2 mm thickness
- Standard colour RAL 9002

### Product Reference

Define the distribution board you need

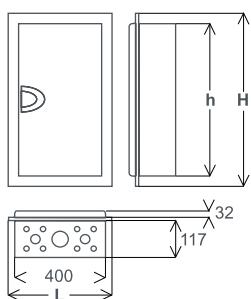


\*Standard to mount RCCB upto 63 A. To use the loose bracket provided in the DB in case the incomer is 100 A/125 A.

\*\*NS250 not applicable for 12 ways. For 24, 42 ways use NS250 only for both 100 & 250 frames.

### Dimensions

Define your enclosure Size Type according to your needs of ways and incomers.



Number of Ways	RCCB/Isolator 125A	MCCB 125 A	MCCB 250A
12	B	B	-
18	B	C	C
24	B	C	C
30	C	D	D
36	C	D	D
42	C	D	D
48	D	E	E
54	D	E	E

Flush				Surface			
Size Type	H	h	L	Size Type	H	h	L
B	570	530	440	B	545	530	410
C	730	690	440	C	705	690	410
D	890	850	440	D	885	850	410
E	1040	1000	440	E	1015	1000	410



### Function

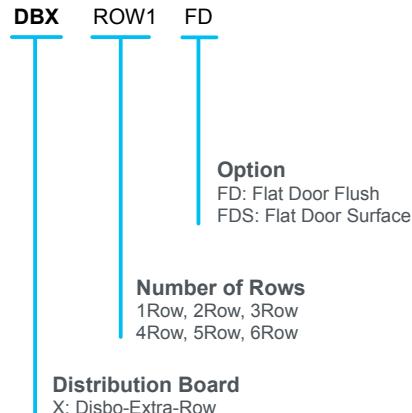
- Horizontal installation
- Possibility to provide multiple split sections

### Technical Data

Complies with IEC 60439 - 3  
 Index of Protection IP41 as per IEC 60529  
 Zinc coated metal sheet of 1.2 mm thickness  
 Standard colour RAL 9002  
 16 module width

### Product Reference

*Define the Disbo-Extra Row type (flat door) board you need*

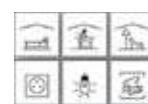


### Dimensions

Flush	H	h	L	Surface	H	h	L
1Row	320	280	480	1Row	288	280	448
2Row	570	530	440	2Row	545	530	440
3Row	730	690	440	3Row	705	690	440
4Row	890	850	440	4Row	865	850	440
5Row	1040	1000	440	5Row	1015	1000	440
6Row	1040	1000	440	6Row	1015	1000	440

### Accessories for Disbo-Extra 3-Phase Busbar Mounting

Item	Reference	Item	Reference	Item	Reference
Key lock standard	DBXKEYSTD.R	Additional blank plates	DBXBLKPLT	Identification labels	DBXIDFLBL



■ Additional blank plates  
for 5 extra circuit breakers provision

■ Identification labels  
for an easy marking  
of all applications



DB124090

*Flush or surface distribution board*

### Function

Schneider Electric's new electrical distribution board ResBo consists of a range of metallic enclosures with renewed design and still more safety.

ResBo is integrated better still into buildings, whether in housing or commercial buildings and industrial segment.

ResBo is specifically designed to accommodate Schneider Electric device outgoings (MCB & RCBO) for protection of people and equipment, and wide choice of incomers (MCB, RCCB, Isolator, Easypact MCCB).

### Technical data

- b Index of protection IP40/IP41\* as per IEC 60529.
- b Conforming to IEC 60439-3.
- b Environmental testing as per IEC 60068-2-11, part-2, Test methods: Salt mist & ASTM B117-07a.

ResBo enclosure range is adapted to a large variety of requirements:

- b Metal enclosure:
  - v paint finish: RAL 9002, Matt
  - v electro galvanized 1.2 mm thick steel sheet
  - v high quality epoxy polyester based powder surface coating.
- b Plain flat door.
- b Flush or surface mounting.

### **Straight busbar distribution board, Dual incomer distribution board, Split busbar distribution board & Single phase busbar distribution board**

- b Busbar pan assembly adjustable in depthwise.
- b Tinplated copper main busbar.
- b Tinplated brass bar for Neutral & Earth.
- b Horizontal installation (single phase).
- b Vertical installation (Straight, Dual incomer & Split busbar DB).
- b Door reversible (except Single phase DB).
- b Removable rigid pan assembly.

### **Row Distribution board**

- b DIN rail assembly adjustable in depthwise.
- b Possibility to provide multiple split sections.
- b Reversible door.
- b Horizontal installation.
- b 16 module width.



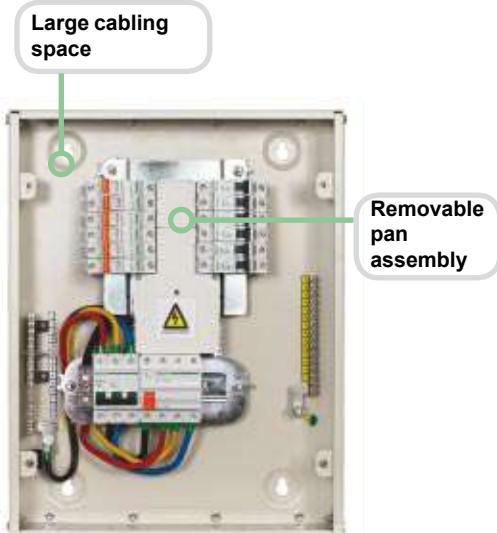
DB124091

### Composition

ResBo distribution board is made up of:



DB124092



### Technical data

#### Distribution board

Number of phase	3
Number of way	12 to 66.
Current rating	125 A (Multi 9 incomer) 250 A (Easypact incomer)
Incomer provision	125 A Busbar 3P or 4P, 40 to 125 A Isolator 3P, C60 / Domae MCB up to 63 A 4P, RCCB up to 125 A
	250 A Busbar 3P, Easypact 250 A
Outgoer provision	MCB & RCBO
Terminal block with screw for Neutral & Earth	Number of main way + 2 spares
Removable gland plate for cable glanding	Top and bottom
Rated Short time withstand current (Icw)	17 kA rms for 200 ms
Rated Peak short time withstand current (Ipk)	34 kA

### Catalogue numbers

Define your catalogue number for distribution board to your needs of ways and mounting option. Example: FDB318XIR125S.

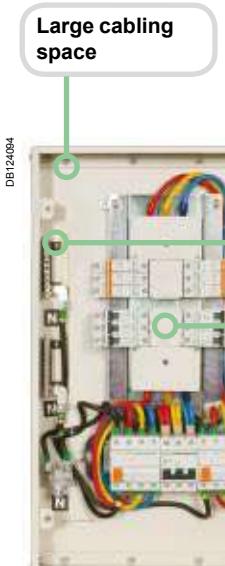
FDB	3	18	X	IR	125	S
Fishbone Distribution Board	Number of phases	Number of SP ways	Provision for incomer	Type of incomer		Options
<b>Incoming product for provision</b>						
ResBo	3: 3 phases	12 18 24 30 36 42 48 54 60 66	X=Provision only	IR=Isolator/MCB/RCCB EZC=Easypact	125 / 250 A	S: Surface Blank: Flush



DB124093

## Composition

ResBo distribution board is made up of:



Large cabling space

Phase and Neutral splitted

Removable pan assembly

## Technical data

### Distribution board

Number of phase	3
Number of way	6 + 6 to 18 + 36
Current rating	125 A
Incomer provision	One Isolator 3P and two RCCB 4P up two 125 A
Outgoer provision	MCB or RCBO
Terminal block with screw for Neutral & Earth	Number of main way + 2 spares
Number of split section	2
Removable gland plate for cable glanding	Top and bottom
Rated Short time withstand current (Icw)	17 kA rms for 200 ms
Rated Peak short time withstand current (Ipk)	34 kA

## Catalogue numbers

Define your catalogue number for distribution board to your needs of ways and mounting option. Example: FDB30612XRIRS.

FDB	3	0612	X	RIR	S
Fishbone Distribution Board	Number of SP O/G way	Number of SP outgoing ways	Provision for incomer	Type of incomer	Options
ResBo	3: 3 phases	06 + 06 06 + 12 12 + 12 12 + 18 12 + 24 12 + 30 12 + 36 18 + 18 18 + 24 18 + 30 18 + 36	X=Provision only	Incoming product for provision Multi 9 RIR=Isolator + RCCB	S: Surface Blank: Flush



DB124095

## Composition

ResBo distribution board is made up of:



DB124096



## Technical data

### Distribution board

Number of phase	1
Number of way	6 to 18 (excluding Main incomer)
Current rating	100 A
Incomer provision	2P, Isolator, 40 to 100 A 2P, RCCB up to 100 A 2P, MCB up to 63 A
Outgoer provision	MCB or RCBO
Terminal block with screw for Neutral & Earth	Number of main way + 2 spares
Removable gland plate for cable glanding	Top and bottom
Rated Short time withstand current (Icw)	17 kA rms for 100 ms

## Catalogue numbers

Define your catalogue number for distribution board to your needs of ways and mounting option. Example: FDB116XDINS.

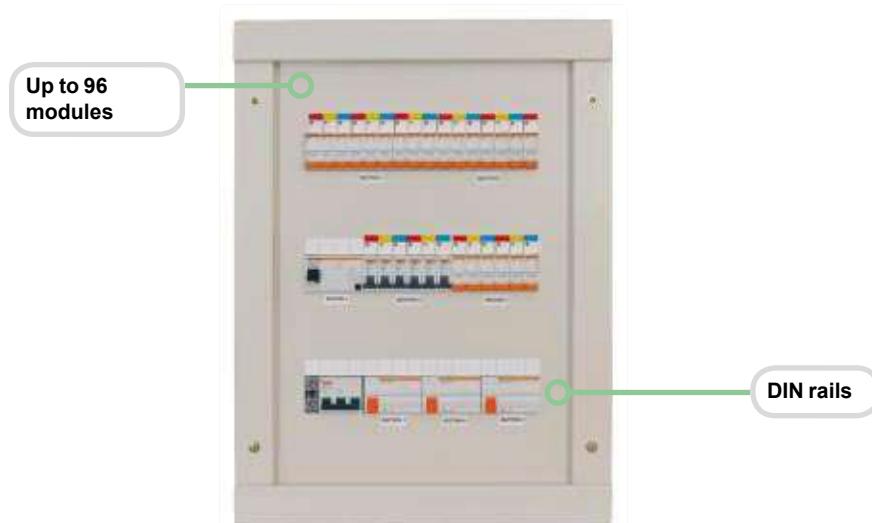
FDB	1	16	X	DIN	S
Fishbone Distribution Board	Number of phases	Number of SP ways	Provision for incomer		Options
ResBo	1: single phase	6 8 10 12 14 16 18	Incoming product for provision X=Provision only	RCCB/MCB/Isolator	<b>S:</b> Surface <b>Blank:</b> Flush



DB124097

## Composition

ResBo distribution board is made up of:



DB12498

Large cabling space



## Technical data

### Distribution board

Number of module per row	16
Number of row	1 to 6
Removable gland plate for cable glanding	Top and bottom

## Catalogue numbers

Define your catalogue number for distribution board to your needs of ways and mounting option. Example: DDBROW1S.

DDB	ROW 1	S
DIN rail Distribution Board	Number of rows	Options
ResBo	1	S: Surface
	2	Blank: Flush
	3	
	4	
	5	
	6	



DB124099

*Metallic key door lock*

DB124100

*Additional blanking plates*

DB124101

*IP41 gland plate*

DB123650

*Extension box*

### Accessories

#### For straight & Dual incomer distribution board

Item	Cat. no.
Metallic key door lock	FDBMETKEY
Additional blanking plates: for circuit breakers provision (3P)	FDBBLAPLAT
IP41 gland plate for DIN incomer DB (surface)	FDBIP41GPL
IP41 gland plate for Easypact incomer DB (surface)	FDBIP41GLPLEZC
200 mm height extension box for DIN incomer DB (surface)	FDBEXTBOXS
200 mm height extension box for Easypact incomer DB (surface)	FDBEXTBOXEZCS
216 mm height extension box for DIN incomer (flush)	FDBEXTBOX
216 mm height extension box for Easypact incomer (flush)	FDBEXTBOXEZC

#### For split distribution board

Item	Cat. no.
Metallic key door lock	FDBMETKEY
Additional blanking plates: for circuit breakers provision (3P)	FDBBLAPLAT
IP41 gland plate (surface)	FDBIP41GPL
200 mm height extension box for surface DB	FDBEXTBOXS
216 mm height extension box for flush DB	FDBEXTBOX

#### For single-phase, distribution board

Item	Cat. no.
Metallic key door lock	FDBMETKEY
Additional blanking plates: for circuit breakers provision (3P)	FDBBLAPLAT

#### For Row type distribution board

Item	Cat. no.
Metallic key door lock	FDBMETKEY
Additional blanking plates: for circuit breakers provision (3P)	FDBBLAPLAT



**Flush**

Cat. no.	Number of SP ways	Dimensions (mm)					
		Outside			Wall		
		H (A)	W (B)	D (C)	H (D)	W (E)	D (F)
FDB30606XRIR	06 + 06	637	406	117	621	386	98
FDB30612XRIR	06 + 12	691	406	117	675	386	98
FDB31212XRIR	12 + 12	745	406	117	729	386	98
FDB31218XRIR	12 + 18	799	406	117	783	386	98
FDB31224XRIR	12 + 24	853	406	117	837	386	98
FDB31230XRIR	12 + 30	907	406	117	891	386	98
FDB31236XRIR	12 + 36	961	406	117	945	386	98
FDB31818XRIR	18 + 18	853	406	117	837	386	98
FDB31824XRIR	18 + 24	907	406	117	891	386	98
FDB31830XRIR	18 + 30	961	406	117	945	386	98
FDB31836XRIR	18 + 36	1015	406	117	999	386	98

**Surface**

Cat. no.	Number of SP ways	Dimensions (mm)		
		Outside		
		H (A)	W (B)	D (C)
FDB30606XRIRS	06 + 06	621	390	117
FDB30612XRIRS	06 + 12	675	390	117
FDB31212XRIRS	12 + 12	729	390	117
FDB31218XRIRS	12 + 18	783	390	117
FDB31224XRIRS	12 + 24	837	390	117
FDB31230XRIRS	12 + 30	891	390	117
FDB31236XRIRS	12 + 36	945	390	117
FDB31818XRIRS	18 + 18	837	390	117
FDB31824XRIRS	18 + 24	891	390	117
FDB31830XRIRS	18 + 30	945	390	117
FDB31836XRIRS	18 + 36	999	390	117





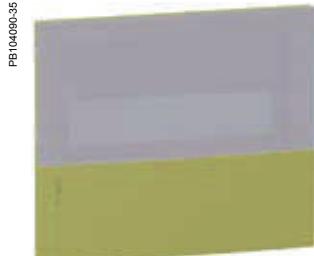
MIP30104T



MIP40104T



MIP50104T



MIP60104T



MIP70104T

### Offer to compose

Front face*		Cat. no.	+ Base	
Number of rows	Number of modules per row	Capacity in 18 mm modules	With solid white door	With smoked transparent door
<b>White</b>				
1	4	4	MIP30104	MIP30104T
	6	6	MIP30106	MIP30106T
	8	8	MIP30108	MIP30108T
	12	12	MIP30112	MIP30112T
	18	18	MIP30118	MIP30118T
	24	MIP30212		MIP30212T
2	12	24	MIP30312	
	12	36	MIP30312	
	24	MIP30312		MIP30312T
<b>Ivory</b>				
1	4	4	-	MIP40104T
	6	6	-	MIP40106T
	8	8	-	MIP40108T
	12	12	-	MIP40112T
	18	18	-	MIP40118T
	24	MIP40212T		MIP40212T
2	12	24	-	MIP40312T
	12	36	MIP40312T	
	24	MIP40312T		MIP40312T
<b>Garnet red</b>				
1	4	4	-	MIP50104T
	6	6	-	MIP50106T
	8	8	-	MIP50108T
	12	12	-	MIP50112T
	18	18	-	MIP50118T
	24	MIP50212T		MIP50212T
2	12	24	-	MIP50312T
	12	36	MIP50312T	
	24	MIP50312T		MIP50312T
<b>Pistachio green</b>				
1	4	4	-	MIP60104T
	6	6	-	MIP60106T
	8	8	-	MIP60108T
	12	12	-	MIP60112T
	18	18	-	MIP60118T
	24	MIP60212T		MIP60212T
2	12	24	-	MIP60312T
	12	36	MIP60312T	
	24	MIP60312T		MIP60312T
<b>Misty grey</b>				
1	4	4	-	MIP70104T
	6	6	-	MIP70106T
	8	8	-	MIP70108T
	12	12	-	MIP70112T
	18	18	-	MIP70118T
	24	MIP70212T		MIP70212T
2	12	24	-	MIP70312T
	12	36	MIP70312T	
	24	MIP70312T		MIP70312T

(\* ) Chassis and DIN rails delivered with the front face.

N.B.: Each part of the above references can be ordered separately



PB104073-36



MIP22104T

**Offer composed with earth + neutral terminal block**

White enclosures				Cat. no.		
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	With solid white door	With smoked transparent door	With smoked translucent door
1	4	4	50	MIP22104	MIP22104S	MIP22104T
	6	6	63	MIP22106	MIP22106S	MIP22106T
	8	8	63	MIP22108	MIP12108S	MIP12108T
	12	12	63	MIP22112	MIP22112S	MIP22112T
	18	18	63	MIP22118	MIP22118S	MIP22118T
2	12	24	63	MIP22212	MIP22212S	MIP22212T
3	12	36	63	MIP22312	MIP22312S	MIP22312T

**Components delivered with each enclosure**

Type	
Identification strip for each row	To be glued onto the front panel
Two terminal block supports	
Two earth/neutral terminal blocks	Supplied with the 4 or 6-module enclosure  Supplied with the 8 or 12-module enclosure  Supplied with the 18 or 24-module enclosure  Supplied with the 36-module enclosure
Blanking plates (packs of 10)	Clipped on the front face

Composed offer is for white color enclosures only

PB104073-36



MIP20104T

**Offer composed without earth + neutral terminal block**

White enclosures				Cat. no.	
Number of rows	Number of modules per row	Capacity in 18 mm modules	Rated current In (A)	Solid white door	Smoked transparent door
1	4	4	50	MIP20104	MIP20104T
	6	6	63	MIP20106	MIP20106T
	8	8	63	MIP20108	MIP20108T
	12	12	63	MIP20112	MIP20112T
	18	18	63	MIP20118	MIP20118T
2	12	24	63	MIP20212	MIP20212T
3	12	36	63	MIP20312	MIP20312T

**Components delivered with each enclosure**

Type	
Identification strip for each row	To be glued onto the front panel
Blanking plates (packs of 10)	Clipped on the front face





PB0411407

### Accessories for surface mounting enclosures

Installation accessories		Cat. no.
Kit IP41	White sealing kit	MIP99034

PB0411320

Finishing accessories		Cat. no.
Type	Description	Solid white
2 white removable plates	4 modules	MIP99029
	6 modules	MIP99030
	8 modules	MIP99031
	12 modules	MIP99032
	18 modules	MIP99033

PB0463745

Other accessories		Cat. no.
Type		
Removable plate (pack of 2)	4 modules	MIP99029
	6 modules	MIP99030
	8 modules	MIP99031
	12 modules	MIP99032
	18 modules	MIP99033
Surface mounting IP41 kit		MIP99034
Terminal block support (pack of 2)	18 modules	MIP99036
Terminal block	1 x 16 <sup>v</sup> + 2 x 10 <sup>v</sup> + 1 x 6 <sup>v</sup>	MIP99037
	1 x 16 <sup>v</sup> + 4 x 10 <sup>v</sup> + 3 x 6 <sup>v</sup>	MIP99038
	2 x 16 <sup>v</sup> + 8 x 10 <sup>v</sup> + 6 x 6 <sup>v</sup>	MIP99039
	2 x 16 <sup>v</sup> + 9 x 10 <sup>v</sup> + 9 x 6 <sup>v</sup>	MIP99040
Earth terminal block	3 x 16 <sup>v</sup> + 12 x 2.5 <sup>v</sup>	13409
	4 x 16 <sup>v</sup> + 20 x 2.5 <sup>v</sup>	13410
Ph+N insulated terminal block (pack of 2)	2 x (1 x 35 <sup>v</sup> + 5 x 16 <sup>v</sup> )	13411
	2 x (1 x 35 <sup>v</sup> + 7 x 16 <sup>v</sup> )	13412
Blanking plate	5 modules	13387
Symbol plate	Standard	13735
	Special	13736
Keylock		MIP99046
Marker light		MIP99050

MIP99034





## Accessories for surface and flush mounting enclosures

Connection accessories		Cat. no.
Type		
Terminal block support (pack of 2)	18 modules	MIP99036
		
	1 x 16 <sup>v</sup> + 2 x 10 <sup>v</sup> + 1 x 6 <sup>v</sup> 1 x 16 <sup>v</sup> + 4 x 10 <sup>v</sup> + 3 x 6 <sup>v</sup> 2 x 16 <sup>v</sup> + 8 x 10 <sup>v</sup> + 6 x 6 <sup>v</sup> 2 x 16 <sup>v</sup> + 9 x 10 <sup>v</sup> + 9 x 6 <sup>v</sup>	<b>MIP99037</b> <b>MIP99038</b> <b>MIP99039</b> <b>MIP99040</b>
	3 x 16 <sup>v</sup> + 12 x 2.5 <sup>v</sup> 4 x 16 <sup>v</sup> + 20 x 2.5 <sup>v</sup>	<b>13409</b> <b>13410</b>
	2 x (1 x 35 <sup>v</sup> + 5 x 16 <sup>v</sup> ) 2 x (1 x 35 <sup>v</sup> + 7 x 16 <sup>v</sup> )	<b>13411</b> <b>13412</b>

PB10416-14

PB10417-15

PB10043-10

PB100563-25



**Accessories for surface and flush mounting enclosures (continued)**

Finishing accessories		Cat. no.
Type	Description	Solid white
Blanking plate  	Used to cover empty slots b 5 dividable modules b Colour: white RAL 9003 b Supplied in packs of 10	13387
Symbol plate  	It contains self-adhesive pictograms used to identify the outgoers b Standard symbols: v loads: power outlet, lighting, convector, etc. v locations: bedroom, bathroom, etc.	13735
Symbol plate  	b Special symbols: v loads: surge arrester, gate, swimming pool, etc. v locations: service room, computer room, etc.	13736
Keylock  	Used to protect access to the switchgear control in certain establishments, according to the regulations b Supplied with two metal keys b Fixed to the enclosure and the door after punch-out according to instructions	MIP99046
Marker light  	Is illuminated when the terminal block voltage of the light is 0 V. It has a continuous supercapacitor power supply that needs no battery, accumulator or maintenance b White LED b Autonomy: 20 mn b Light output: 5 lumens b Supply voltage: 240 V AC max b Recharge duration: 6 h b Service life: 15 years b Degree of protection: IP40, IK07 b Insulation class: 2 b Connection: 2,5 mm <sup>2</sup> max b Withstand to fire and abnormal heat: 750°C	MIP99050

PB104125-20

E4510293

PB104128-15

PB104673-20



### Choice of Protection Devices

#### Short-circuit and overload protection



"Power socket circuit":  
1 protection device for 8 sockets maximum

Cables

2.5 mm<sup>2</sup>

**Protection**

1 C16 circuit-breaker

"Lighting circuit":  
1 protection device for 10 lighting points maximum

1.5 mm<sup>2</sup>

1 C10 circuit-breaker

"Specific circuit":  
1 protection device by appliance  
(washing machine, cooker, water heater, etc.)

4 mm<sup>2</sup>

1 C32 circuit-breaker

#### Electrocution protection



1 protection device  
for the "power socket circuit"  
and "specific circuit" assembly

1 30 mA residual current circuit-breaker

#### Fire protection



1 general protection device

1 300 mA residual current circuit-breaker

#### Lightning protection



1 general protection device

1 Domae Quick-PF surge arrester

### Everyday Comfort

#### Multiple control for lighting circuit



1 relay by multiple control circuit

**Commande**

1 TL impulse relay

#### Power control



1 relay by specific circuit

1 CT contactor

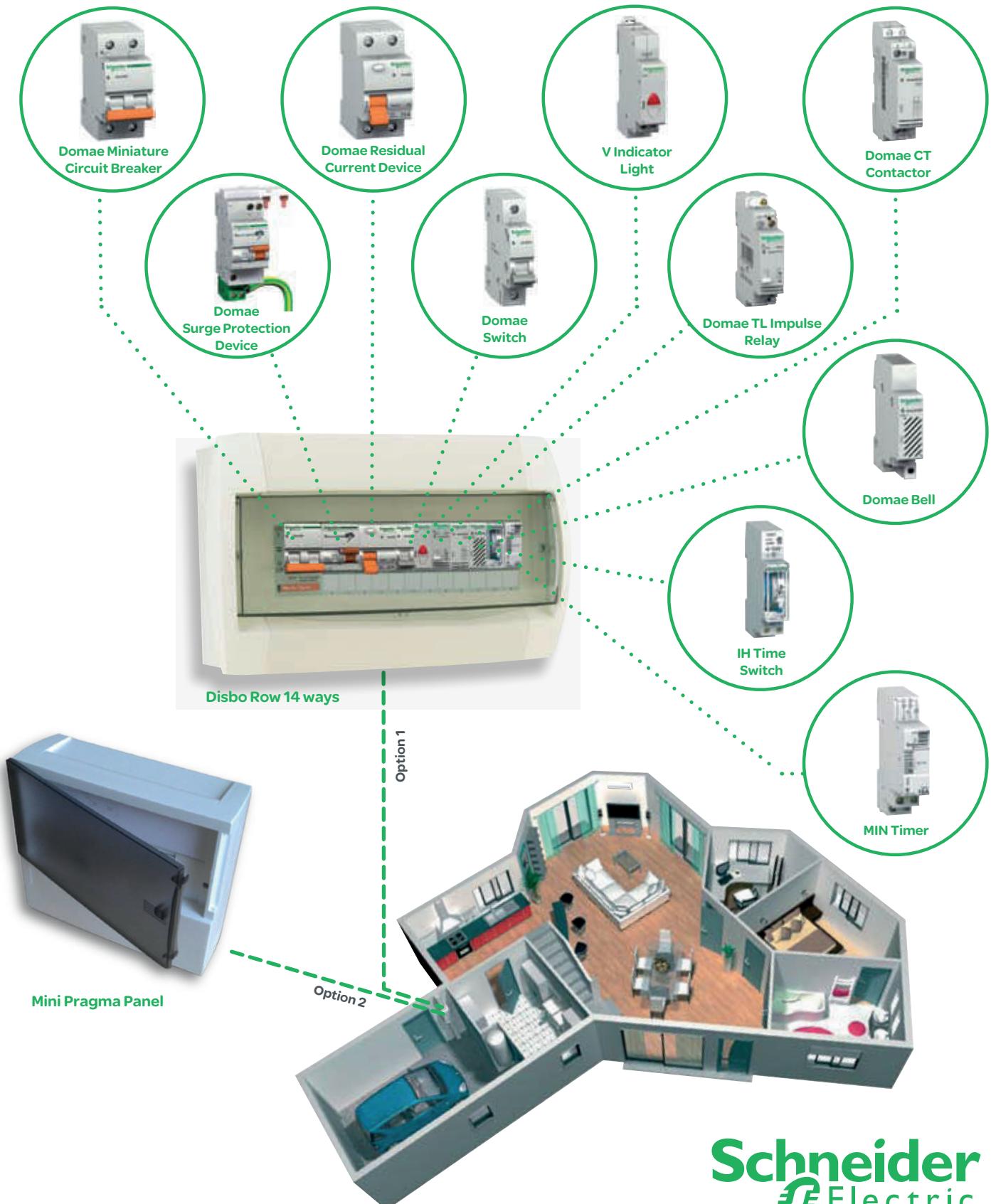


<i>Surface area</i>	60 m <sup>2</sup>	100 m <sup>2</sup>	> 100 m <sup>2</sup>
<i>Subscribed demand</i>	3000 VA	6000 VA	> 6000 VA
<i>"Household incoming" connection</i>			
<i>Number of "power socket" circuits</i>	1	2	2
<i>Number of "lighting circuits"</i>	1	1	2
<i>Number of "specific circuits"</i>	0	1	2
<i>Distribution</i>	Living room 	1 socket for 6 m <sup>2</sup> 1 lighting for 20 m <sup>2</sup>	1 socket for 6 m <sup>2</sup> 1 lighting for 20 m <sup>2</sup> 1 special purpose socket
	Bedroom 	1 lighting 2 sockets	1 lighting 3 sockets 1 special purpose socket
	Kitchen 	1 lighting 3 sockets 1 socket per electrical household appliance	2 lightings 3 sockets 1 special purpose socket 1 socket per electrical household appliance
	Bathroom 	1 lighting 1 socket	2 lightings 1 socket 1 special purpose socket
	Entrance hall 	1 lighting 1 socket	1 lighting for 12 m <sup>2</sup> 1 socket for 12 m <sup>2</sup> 1 special purpose socket for 12 m <sup>2</sup>
	Garage and outside 	1 lighting	1 lighting for 5 m <sup>2</sup> 1 socket for 5 m <sup>2</sup> 1 special purpose socket for 5 m <sup>2</sup>

# Domae

The Right Solution for Your Home

- More protection, comfort and energy saving



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