

MISTRAL41W

Wall-mounted series

The MISTRAL41W series of consumer units gives installers the freedom and flexibility to implement any type of electrical distribution system in residential buildings. This wide range of wall-mounted, IP41-rated units has been designed from scratch to enhance the unique features that make ABB the leading industry standard.

The units are fast and easy to install and look great anywhere thanks to their elegant design. Furthermore, ample internal space, a choice of doors and a unified range of accessories offer endless possibilities to create high-quality work installers can be proud of.



Fast and easy to be installed.
Design and simplicity
“all in one”.



Multimedia version for integration of internet routers, antenna or voice splitters.

Door available in two versions: petrol blue and opaque. Units without doors are also available.

Door opens up to 180° allowing full access to the interior of the unit.

Concealed rear mounts for secure wall installation.

The symmetrical design allows opening of the reversible door either from the left or from the right.

Endless installation possibilities

Invisible cable entry and exit

Pre-cut knockout slots allow cable entry and exit from the top and bottom. When not used, the slots remain invisible on the outside maintaining the consumer unit's sleek look and feel.



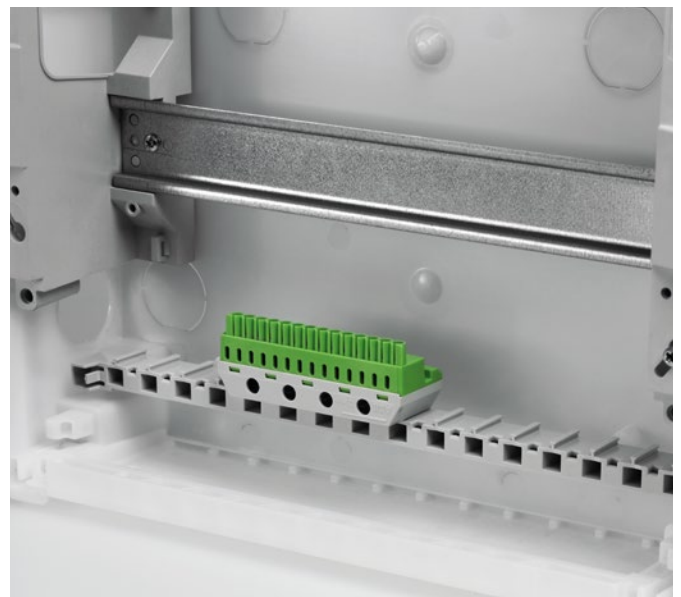
More than enough internal space

Lots of internal space makes cabling even easier. Cable clips and holes allow wires to be fastened to the frame with simple cable ties.



Easy installation of extra modules

An extra module can be added by removing two pre-cut elements. This offers a quick and easy solution when unexpected additional installation is required.



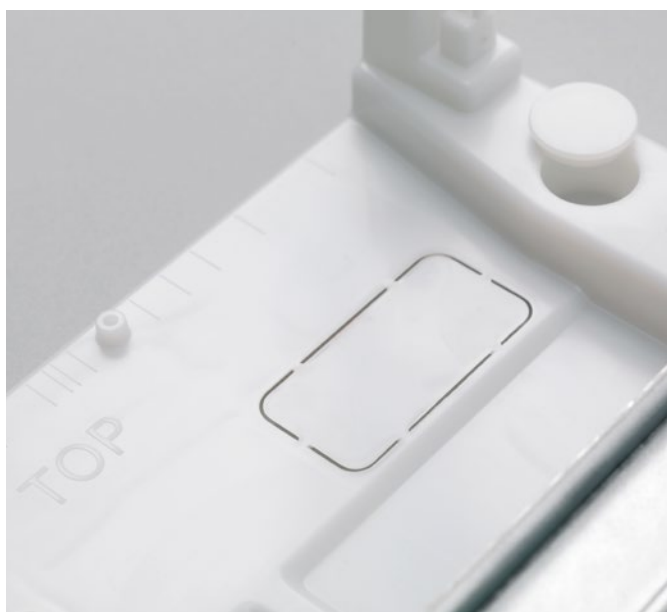
Terminal blocks – screwless version

Time-saving installation thanks to the snap-on system of the screwless terminal blocks which can simply be plugged into the terminal carriers.

Endless installation possibilities

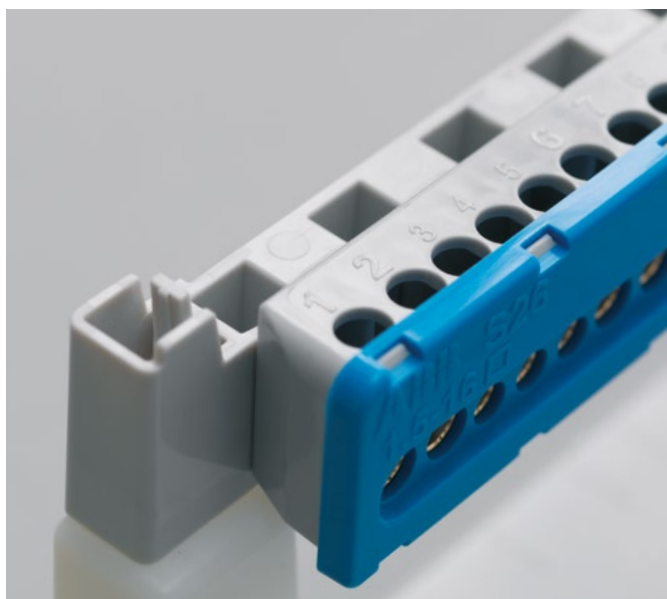
Double insulation protection

The unit housing and all accessories have been designed and developed to ensure Class II double insulation protection.



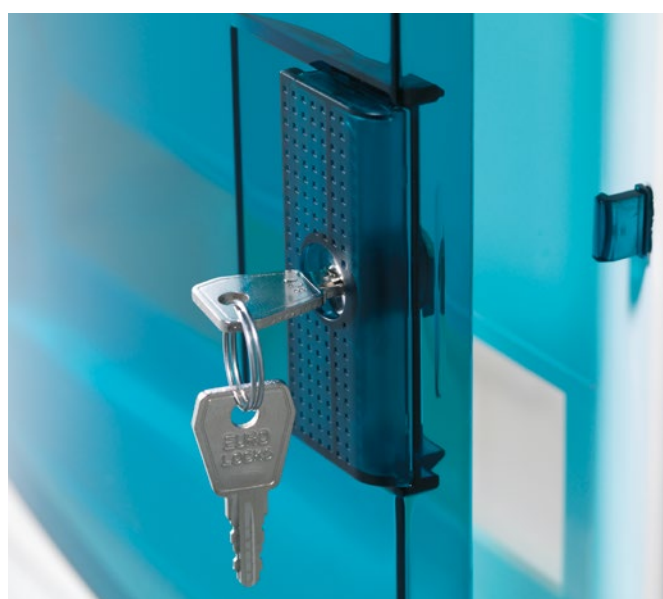
Multi-row units

Multi-row units are available with a standard distance of 125 mm between DIN rails.



Terminal blocks – screw version

Within the flexible modular concept the new terminal blocks both screw and screwless versions ensure easy and effective cabling up to 63A or 100A.

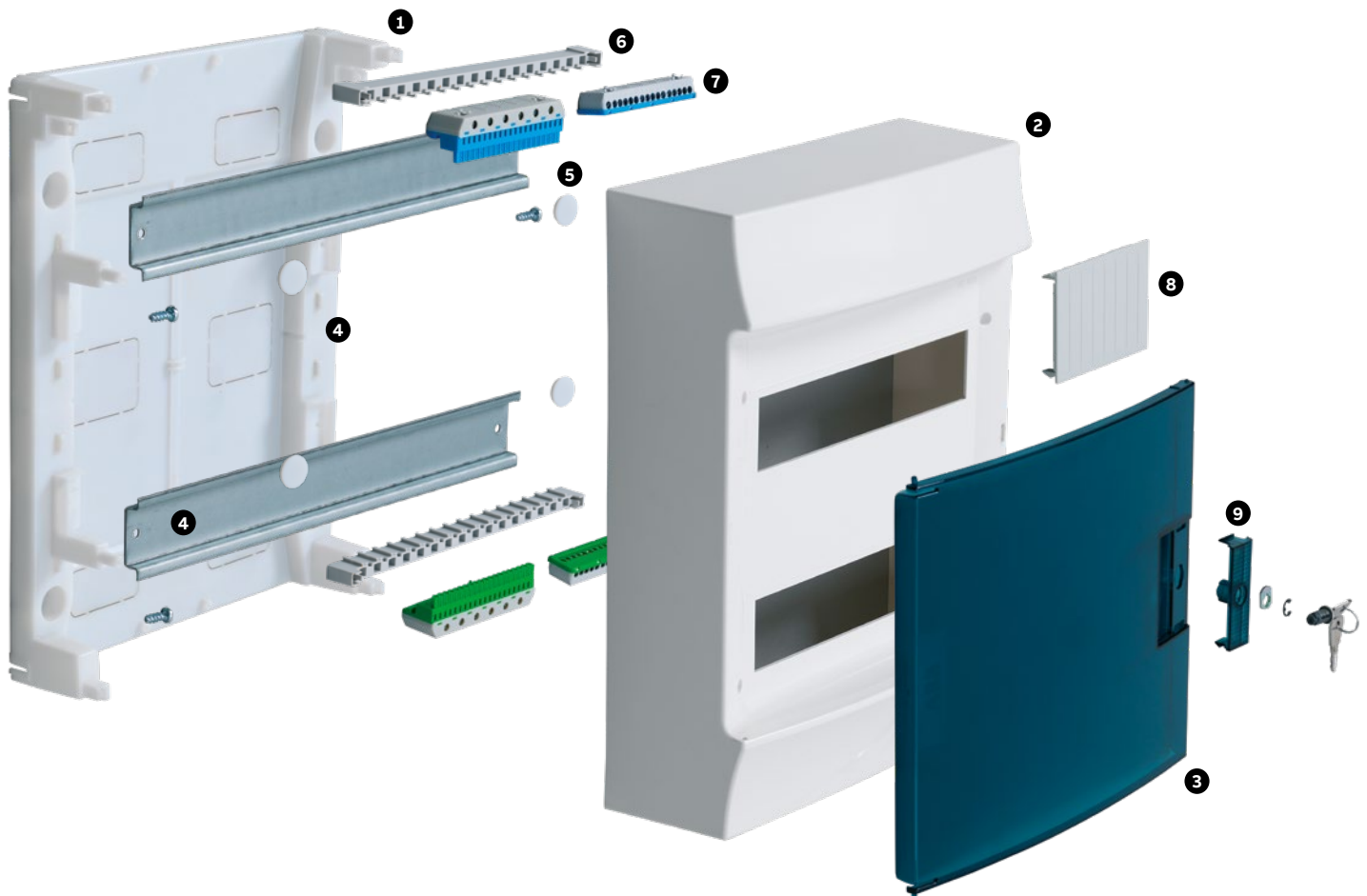


Optional door lock

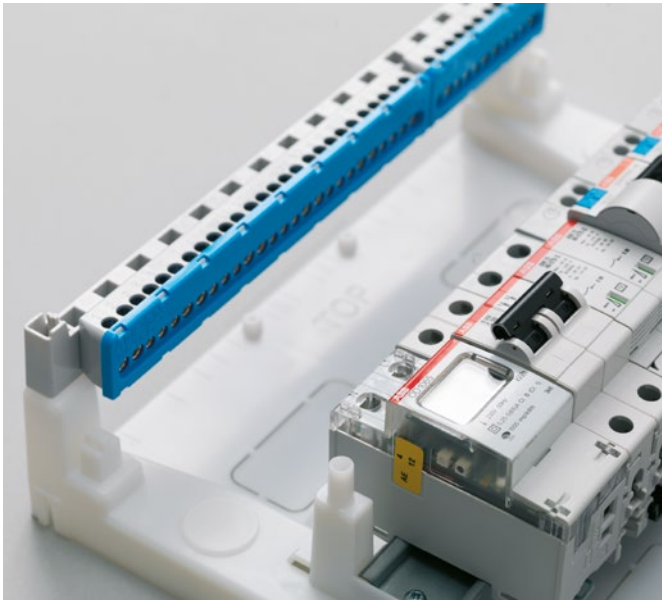
The standard door with ergonomic handle is available with a lock for additional security.

A versatile range suitable for every application

The simple construction of the MISTRAL41W series makes the units fast and easy to assemble. Furthermore, they can be easily adapted to various application requirements thanks to their flexible design.

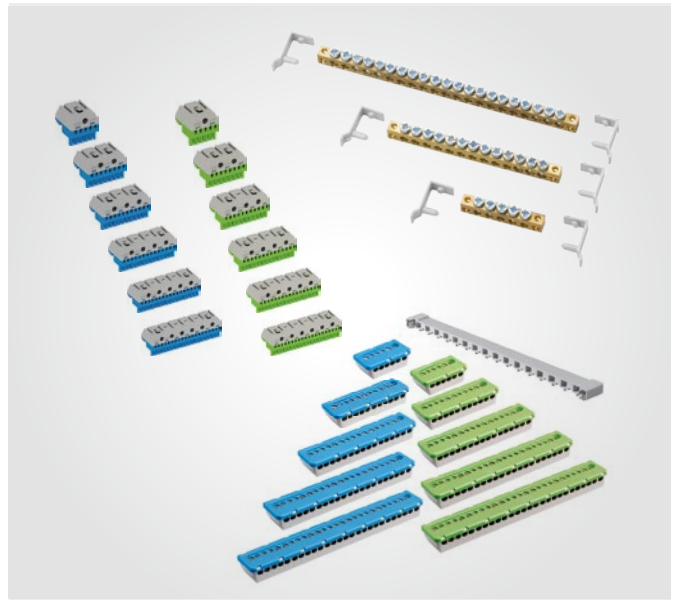


1. Base for wall mounting
2. Reversible cover
3. Transparent door
4. DIN rail
5. Plugs, protection class II
6. Terminal carrier
7. Quick coupling terminal blocks
8. Module cover
9. Finish or closure element
(optional lock)



A unified range of products

The MISTRAL41W series is compatible with a unified range of ABB products. As a result, terminal blocks, circuit breakers, switches, surge protective devices and many other components can all be installed in the units for a wide variety of applications.



3 different terminal systems available

Choose from a range of terminal bars or two versions of terminal blocks for precise configurations responding to individual requirements thanks to the flexible modular concept.

You can find all additional information, technical details and service offers on the ABB website whenever you need them. If you miss some information or need additional support you can also contact your local ABB retailer or ABB sales representative. They would be happy to assist you.



Consumer units

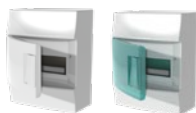
MISTRAL41W – Order codes wall-mounted (650)



2 modules



4 modules



8 modules



12 modules



18 modules



24 modules



36 modules

MISTRAL41W – Order codes 650

Description	N° of modules [18 mm]	Dimensions		Order code	Type code	Packaging
		W x H x D	GWT [mm]			
Consumer units MISTRAL41 wall - 1 Row						
Without door 2M	2	650	68 x 210 x 93	1SPE007717F0100	41P02X10	1/36
Without door 4M	4	650	96 x 210 x 93	1SPE007717F0200	41P04X10	1/24
Opaque door 4M	4	650	96 x 210 x 93	1SPE007717F0210	41P04X11	1/24
Transparent door 4M	4	650	96 x 210 x 93	1SPE007717F0220	41P04X12	1/24
Without door 8M	8	650	202 x 257 x 120	1SPE007717F0300	41P08X10	1/7
Opaque door 8M	8	650	202 x 257 x 120	1SPE007717F0310	41P08X11	1/7
Transparent door 8M	8	650	202 x 257 x 120	1SPE007717F0320	41P08X12	1/7
Without door 12M	12	650	292 x 257 x 120	1SPE007717F0400	41P12X10	1/3
Opaque door 12M	12	650	292 x 257 x 120	1SPE007717F0410	41P12X11	1/3
Transparent door 12M	12	650	292 x 257 x 120	1SPE007717F0420	41P12X12	1/3
Without door 18M	18	650	382 x 257 x 120	1SPE007717F0800	41P18X10	1/3
Opaque door 18M	18	650	382 x 257 x 120	1SPE007717F0810	41P18X11	1/3
Transparent door 18M	18	650	382 x 257 x 120	1SPE007717F0820	41P18X12	1/3
Consumer units MISTRAL41 wall - 2 Rows						
Without door 24M	24	650	292 x 382 x 120	1SPE007717F0500	41P12X20	1/2
Opaque door 24M	24	650	292 x 382 x 120	1SPE007717F0510	41P12X21	1/2
Transparent door 24M	24	650	292 x 382 x 120	1SPE007717F0520	41P12X22	1/2
Without door 36M 2F	36	650	382 x 382 x 120	1SPE007717F0900	41P18X20	1/2
Opaque door 36M 2F	36	650	382 x 382 x 120	1SPE007717F0910	41P18X21	1/2
Transparent door 36M 2F	36	650	382 x 382 x 120	1SPE007717F0920	41P18X22	1/2

Consumer units

MISTRAL41W – Order codes wall-mounted (650)



36 modules



54 modules



48 modules



72 modules

MISTRAL41W – Order codes 650

Description	N° of modules [18 mm]	GWT [mm]	Dimensions		Order code	Type code	Packaging
			W x H x D				
Consumer units MISTRAL41 wall - 3 Rows							
Without door 36M 3F	36	650	292 x 507 x 120		1SPE007717F0600	41P12X30	1/2
Opaque door 36M 3F	36	650	292 x 507 x 120		1SPE007717F0610	41P12X31	1/2
Transparent door 36M 3F	36	650	292 x 507 x 120		1SPE007717F0620	41P12X32	1/2
Consumer units MISTRAL41 wall - 4 Rows							
Without door 54M	54	650	382 x 507 x 120		1SPE007717F1000	41P18X30	1/2
Opaque door 54M	54	650	382 x 507 x 120		1SPE007717F1010	41P18X31	1/2
Transparent door 54M	54	650	382 x 507 x 120		1SPE007717F1020	41P18X32	1/2
Without door 48M	48	650	292 x 656 x 120		1SPE007717F0700	41P12X40	1/1
Opaque door 48M	48	650	292 x 656 x 120		1SPE007717F0710	41P12X41	1/1
Transparent door 48M	48	650	292 x 656 x 120		1SPE007717F0720	41P12X42	1/1
Without door 72M	72	650	382 x 656 x 120		1SPE007717F1100	41P18X40	1/1
Opaque door 72M	72	650	382 x 656 x 120		1SPE007717F1110	41P18X41	1/1
Transparent door 72M	72	650	382 x 656 x 120		1SPE007717F1120	41P18X42	1/1

Consumer units

MISTRAL41W – Order codes wall-mounted (750)



2 modules



4 modules



8 modules



12 modules



18 modules



24 modules



36 modules

MISTRAL41W – Order codes 750

Description	N° of modules		Dimensions		Order code	Type code	Packaging
	[18 mm]	GWT	W x H x D	[mm]			
Consumer units MISTRAL41 wall - 1 Row							
Without door* 2M	2	750	68 x 210 x 93		1SPE007717F1500	41P02X100750	1/36
Without door* 4M	4	750	96 x 210 x 93		1SPE007717F1600	41P04X100750	1/24
Without door* 8M	8	750	202 x 257 x 120		1SPE007717F1700	41P08X100750	1/7
Without door* 12M	12	750	292 x 257 x 120		1SPE007717F1800	41P12X100750	1/3
Without door* 18M	18	750	382 x 257 x 120		1SPE007717F2200	41P12X200750	1/3
Consumer units MISTRAL41 wall - 2 Rows							
Without door* 24M	24	750	292 x 382 x 120		1SPE007717F1900	41P12X300750	1/2
Without door* 36M 2F	36	750	382 x 382 x 120		1SPE007717F2300	41P12X400750	1/2

* Doors can be ordered separately

Consumer units

MISTRAL41W – Order codes wall-mounted (750)



36 modules



54 modules



48 modules



72 modules

MISTRAL41W – Order codes 750

Description	N° of modules		Dimensions		Order code	Type code	Packaging
	[18 mm]	GWT	W x H x D	[mm]			
Consumer units MISTRAL41 wall - 3 Rows							
Without door 36M* 3F	36	750	292 x 507 x 120	1SPE007717F2000	41P18X100750	1/2	
Without door 54M*	54	750	382 x 507 x 120	1SPE007717F2400	41P18X300750	1/2	
Consumer units MISTRAL41 wall - 4 Rows							
Without door 48M*	48	750	292 x 656 x 120	1SPE007717F2100	41P18X200750	1/1	
Without door 72M*	72	750	382 x 656 x 120	1SPE007717F2500	41P18X400750	1/1	

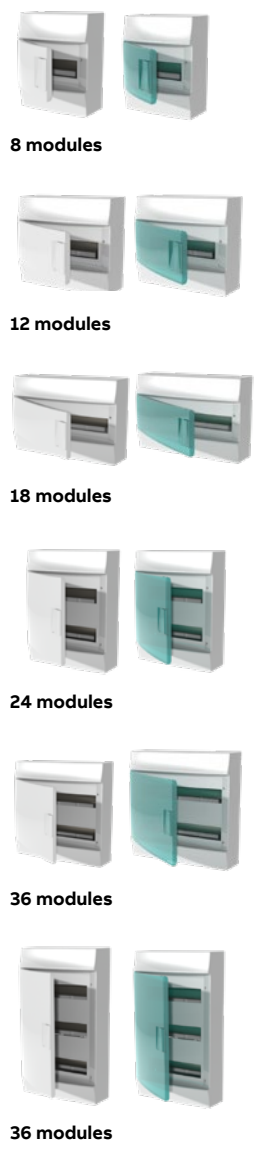
* Doors can be ordered separately

All units on this page will be delivered without connection terminals

Consumer units

MISTRAL41W – Order codes with terminals (650)

MISTRAL41W – Order codes



Description	N° of modules [18 mm]	GWT	Dimensions W x H x D [mm]	Order code	Type code	Packaging
Consumer units MISTRAL41W						
Opaque door 8M 12SM	8	650	202 x 257 x 120	1SLM004102A3102	41P08X11A	1/7
Transparent door 8M 12SM	8	650	202 x 257 x 120	1SPE007717F0321	41P08X12A	1/7
12 modules						
Opaque door 12M 12SM	12	650	292 x 257 x 120	1SLM004102A3103	41P12X11A	1/3
Transparent door 12M 12SM	12	650	292 x 257 x 120	1SPE007717F0421	41P12X12A	1/3
18 modules						
Opaque door 18M 22SM	18	650	382 x 257 x 120	1SLM004102A3104	41P12X21A	1/3
Transparent door 18M 22SM	18	650	382 x 257 x 120	1SPE007717F0821	41P12X22A	1/3
24 modules						
Opaque door 24M 32SM	24	650	292 x 382 x 120	1SLM004102A3105	41P12X31A	1/2
Transparent door 24M 32SM	24	650	292 x 382 x 120	1SPE007717F0521	41P12X32A	1/2
36 modules						
Opaque door 36M 2F 42SM	36	650	382 x 382 x 120	1SLM004102A3106	41P12X41A	1/2
Transparent door 36M 2F 42SM	36	650	382 x 382 x 120	1SPE007717F0921	41P12X42A	1/2
36 modules						
Opaque door 36M 3F 44SM	36	650	292 x 507 x 120	1SLM004102A3107	41P18X11A	1/2
Transparent door 36M 3F 44SM	36	650	292 x 507 x 120	1SPE007717F0621	41P18X12A	1/2

Consumer units

MISTRAL41W – Order codes with terminals (650)

MISTRAL41W – Order codes

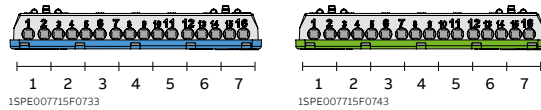
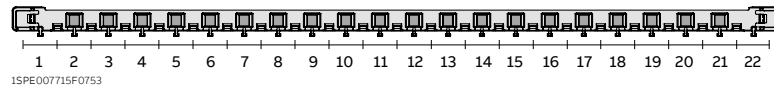


54 modules

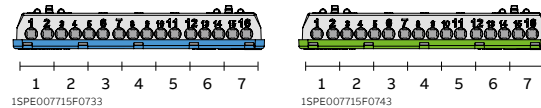
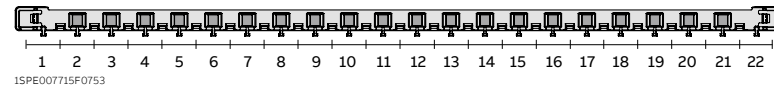
Description	N° of modules [18 mm]	N° of GWT	Dimensions W x H x D [mm]		Order code	Type code	Packaging
			W	H x D			
Consumer units MISTRAL41W							
Opaque door 54M 64SM	54	650	382	507 x 120	1SLM004102A3109	41P18X31A	1/2
Transparent door 54M 64SM	54	650	382	507 x 120	1SPE007717F1021	41P18X32A	1/2



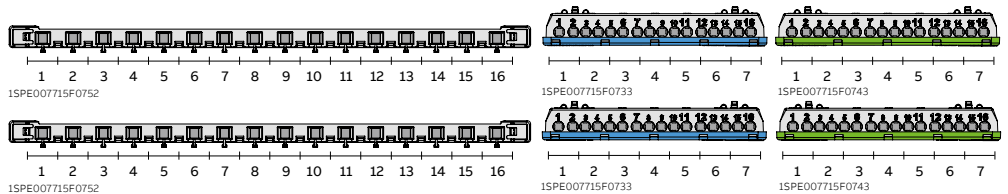
48 modules



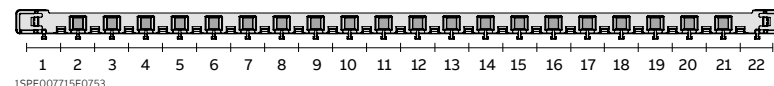
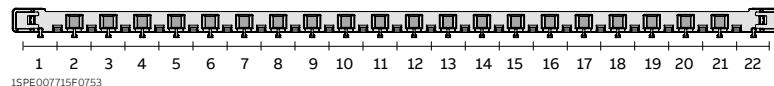
72 modules



Opaque door 48M 64SM	48	650	292	656 x 120	1SLM004102A3108	41P18X21A	1/1
Transparent door 48M 64SM	48	650	292	656 x 120	1SPE007717F0721	41P18X22A	1/1



Opaque door 72M 84SM	72	650	382	656 x 120	1SLM004102A3110	41P18X41A	1/1
Transparent door 72M 84SM	72	650	382	656 x 120	1SPE007717F1121	41P18X42A	1/1



Consumer units

MISTRAL41W – Order codes accessories

MISTRAL41W – Accessories doors

Description	N° of modules [18 mm]	Order code	Type code	Packaging
Opaque door (650)				
Opaque door 4M MISTRAL41W	4	1SPE007717F9900	41Z33	1/24
Opaque door 8M MISTRAL41W	8	1SPE007717F9901	41Z34	1/14
Opaque door 12M MISTRAL41W	12	1SPE007717F9902	41Z35	1/14
Opaque door 24/48M MISTRAL41W	24/48	1SPE007717F9903	41Z36	1/15
Opaque door 36M (3 rows) MISTRAL41W	36	1SPE007717F9904	41Z37	1/18
Opaque door 18M MISTRAL41W	18	1SPE007717F9905	41Z38	1/14
Opaque door 36/72M (2 rows) MISTRAL41W	36/72	1SPE007717F9906	41Z39	1/18
Opaque door 54M MISTRAL41W	54	1SPE007717F9907	41Z40	1/18
Opaque door (750)				
Opaque door 4M 750 MISTRAL41W	4	1SPE007717F9924	41Z49	1/24
Opaque door 8M 750 MISTRAL41W	8	1SPE007717F9925	41Z50	1/14
Opaque door 12M 750 MISTRAL41W	12	1SPE007717F9926	41Z51	1/14
Opaque door 24/48M 750 MISTRAL41W	24/48	1SPE007717F9927	41Z52	1/15
Opaque door 36M (3 rows) 750 MISTRAL41W	36	1SPE007717F9928	41Z53	1/18
Opaque door 18M 750 MISTRAL41W	18	1SPE007717F9929	41Z54	1/14
Opaque door 36/72M (2 rows) 750 MISTRAL41W	36/72	1SPE007717F9930	41Z55	1/18
Opaque door 54M 750 MISTRAL41W	54	1SPE007717F9931	41Z56	1/18
Transparent door (650/750)				
Transparent door blue 4M MISTRAL41W	4	1SPE007717F9908	41Z41	1/24
Transparent door blue 8M MISTRAL41W	8	1SPE007717F9909	41Z42	1/14
Transparent door blue 12M MISTRAL41W	12	1SPE007717F9910	41Z43	1/14
Transparent door blue 24/48M MISTRAL41W	24/48	1SPE007717F9911	41Z44	1/15
Transparent door blue 36M (3 rows) MISTRAL41W	36	1SPE007717F9912	41Z45	1/18
Transparent door blue 18M MISTRAL41W	18	1SPE007717F9913	41Z46	1/14
Transparent door blue 36/72M (2 rows) MISTRAL41W	36/72	1SPE007717F9914	41Z47	1/18
Transparent door blue 54M MISTRAL41W	54	1SPE007717F9915	41Z48	1/18



Consumer units

MISTRAL41W – Order codes accessories



41Z14, 41Z15, 41Z16



41Z17, 41Z18



41Z19, 41Z20



41Z21, 41Z22



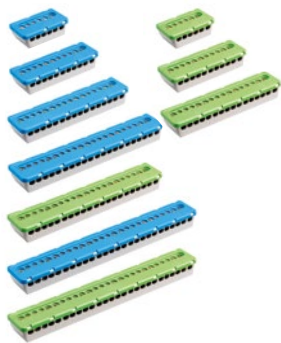
41Z23, 41Z24

MISTRAL41W – Other accessories

Description	N° of modules [18 mm]	Order code	Type code	Packaging
Other accessories				
Lock set white LMW		1SPE007715F5009	41Z14	1
Lock set blue LMB		1SPE007715F5010	41Z16	1
Flange for conduit derivation GWT 650		1SLM004100A1951	41Z17	1/30
Flange for conduit derivation GWT 750		1SPE007715F5111	41Z18	1/30
Label holder 12M	12	1SPE007715F5012	41Z19	5
Label holder 18M	18	1SPE007715F5018	41Z20	5
Partition wall 12M	12	1SPE007715F5112	41Z21	5
Partition wall 18M	18	1SPE007715F5118	41Z22	5
MCB cover 12M GWT 650	12	1SPE007715F5650	41Z23	5/180
MCB cover 12M GWT 750	12	1SPE007715F5750	41Z24	5/180

Consumer units

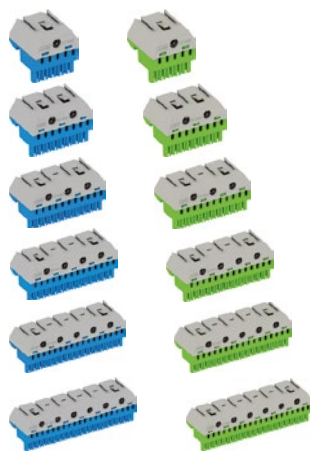
MISTRAL41 – Order codes terminal blocks



MISTRAL41 – Terminal blocks

Description	Maximum current [A]	Order code	Type code	Packaging
Terminal block N 3 x 16 mm ² +3 x 6 mm ²	100	1SPE007715F0731	41Z57	5/270
Terminal block N 5 x 16 mm ² +6 x 6 mm ²	100	1SPE007715F0732	41Z58	5/150
Terminal block N 7 x 16 mm ² +9 x 6 mm ²	100	1SPE007715F0733	41Z59	5/120
Terminal block N 9 x 16 mm ² +12 x 6 mm ²	100	1SPE007715F0734	41Z60	5/90
Terminal block N 11 x 16 mm ² +15 x 6 mm ²	100	1SPE007715F0735	41Z61	5/90
Terminal block PE 3 x 16 mm ² +3 x 6 mm ²	100	1SPE007715F0741	41Z62	5/270
Terminal block PE 5 x 16 mm ² +6 x 6 mm ²	100	1SPE007715F0742	41Z63	5/150
Terminal block PE 7 x 16 mm ² +9 x 6 mm ²	100	1SPE007715F0743	41Z64	5/120
Terminal block PE 9 x 16 mm ² +12 x 6 mm ²	100	1SPE007715F0744	41Z65	5/90
Terminal block PE 11 x 16 mm ² +15 x 6 mm ²	100	1SPE007715F0745	41Z66	5/90

MISTRAL41 – Terminal blocks screwless



Description	Maximum current [A]	Order code	Type code	Packaging
Terminal block screwless N 5 x 1,5–4 mm ²	63	1SPE007715F9701	41Z70	5/280
Terminal block screwless N 5 x 1,5–4 mm ² +1 x 25 mm ²	63	1SPE007715F9702	41Z71	5/180
Terminal block screwless N 8 x 1,5–4 mm ² +2 x 25 mm ²	63	1SPE007715F9703	41Z72	5/150
Terminal block screwless N 11 x 1,5–4 mm ² +3 x 25 mm ²	63	1SPE007715F9704	41Z73	5/100
Terminal block screwless N 14 x 1,5–4 mm ² +4 x 25 mm ²	63	1SPE007715F9705	41Z74	5/90
Terminal block screwless N 17 x 1,5–4 mm ² +5 x 25 mm ²	63	1SPE007715F9706	41Z75	5/70
Terminal block screwless N 20 x 1,5–4 mm ² +6 x 25 mm ²	63	1SPE007715F9707	41Z76	5/60
Terminal block screwless PE 5 x 1,5–4 mm ² +1 x 25 mm ²	63	1SPE007715F9712	41Z77	5/180
Terminal block screwless PE 8 x 1,5–4 mm ² +2 x 25 mm ²	63	1SPE007715F9713	41Z78	5/150
Terminal block screwless PE 11 x 1,5–4 mm ² +3 x 25 mm ²	63	1SPE007715F9714	41Z79	5/100
Terminal block screwless PE 14 x 1,5–4 mm ² +4 x 25 mm ²	63	1SPE007715F9715	41Z80	5/90
Terminal block screwless PE 17 x 1,5–4 mm ² +5 x 25 mm ²	63	1SPE007715F9716	41Z81	5/70
Terminal block screwless PE 20 x 1,5–4 mm ² +6 x 25 mm ²	63	1SPE007715F9717	41Z82	5/60

MISTRAL41 – Terminal block carriers

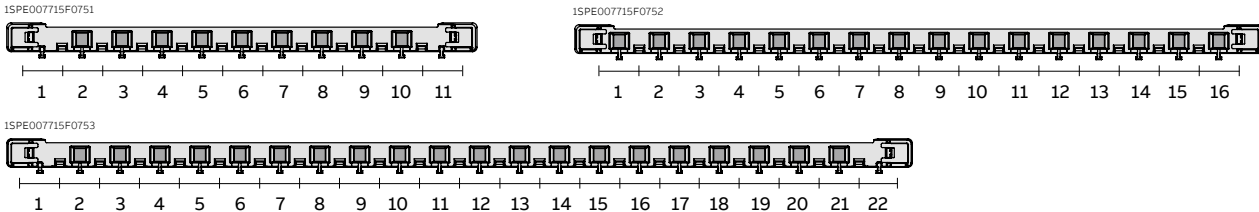


Description	Order code	Type code	Packaging
Carrier 8M	1SPE007715F0751	41Z67	5/280
Carrier 12M	1SPE007715F0752	41Z68	5/225
Carrier 18M	1SPE007715F0753	41Z69	5/150

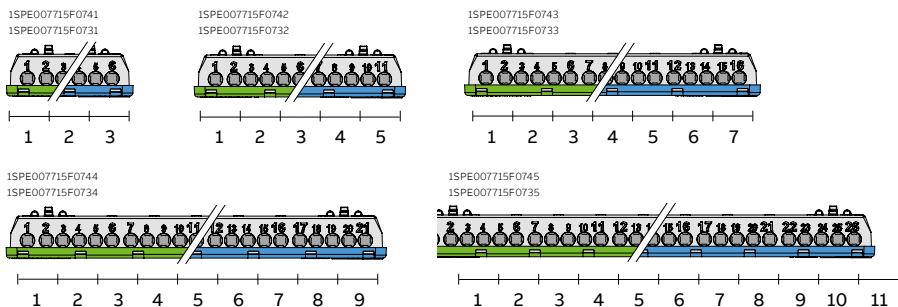
Consumer units

MISTRAL41W – Terminal blocks assembly examples

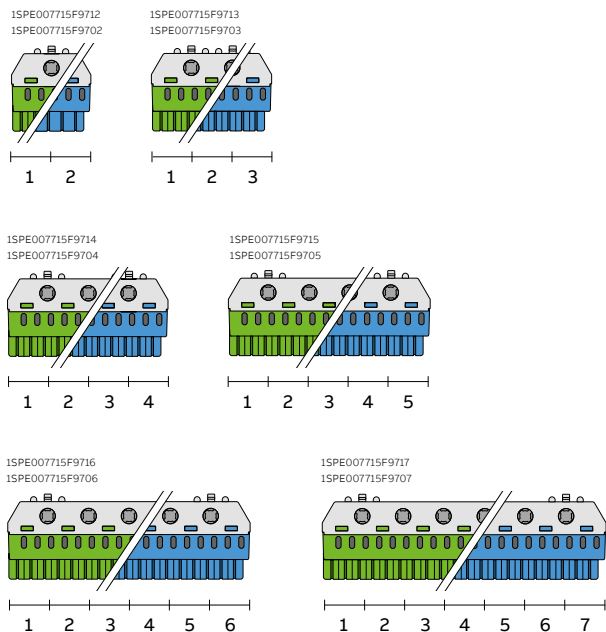
Terminal block carriers



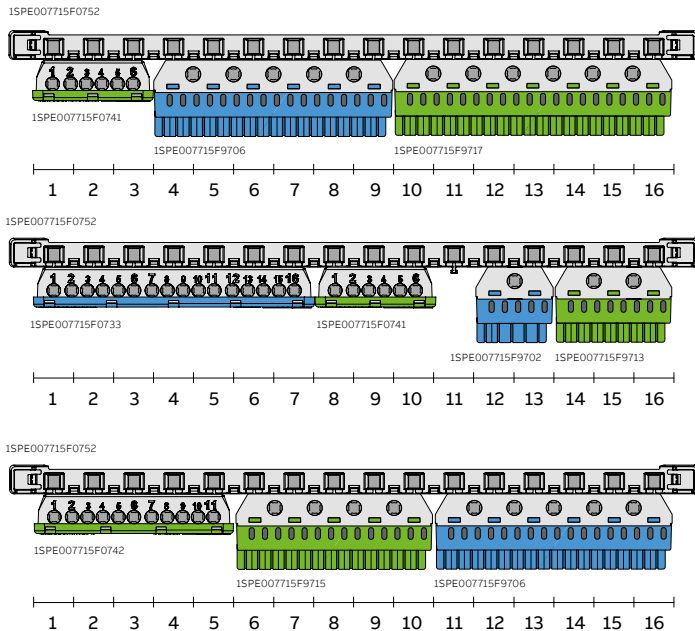
Terminal blocks



Terminal blocks screwless

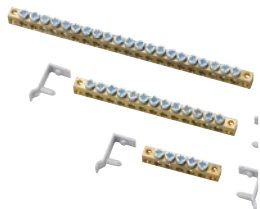


Assembly examples



Consumer units

MISTRAL41 – Order codes terminal bars



MISTRAL41 – Terminal bars

Description	Order code	Type code
Terminal bar 5 holes D.4.5 mm	M125310000	41Z28
Terminal bar 10 holes D.4.5 mm and 3 holes D.5.6 mm	M125320000	41Z29
Terminal bar 16 holes D.4.5 mm and 3 holes D.5.6 mm	M125330000	41Z30
Terminal bar 15 holes D.4.5 mm and 6 holes D.5.6 mm	M125340000	41Z31
Terminal bar 19 holes D.4.5 mm and 6 holes D.5.6 mm	M125350000	41Z32



MISTRAL41 – Terminal bar carriers

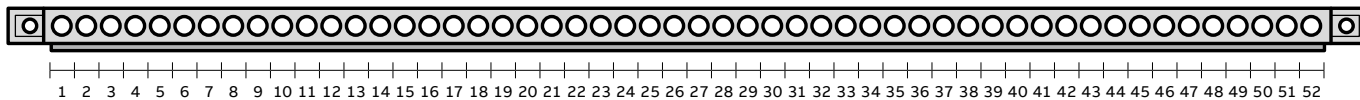
Description	Order code	Type code
Carrier for 8 moduls	1SLM004100A1953	41Z25
Carrier for 12 modules	1SLM004100A1954	41Z26
Carrier for 18 modules	1SLM004100A1955	41Z27

Consumer units

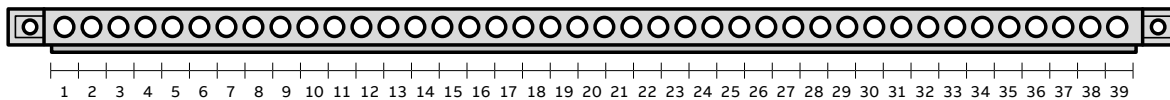
MISTRAL41 – Terminal bars assembly examples

Terminal bar carriers

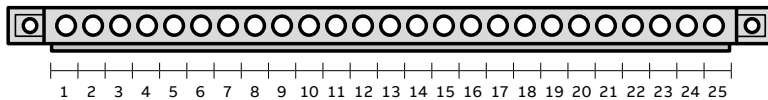
ISLM004100A1955



ISLM004100A1954

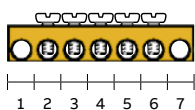


ISLM004100A1953

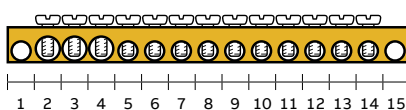


Terminal bars

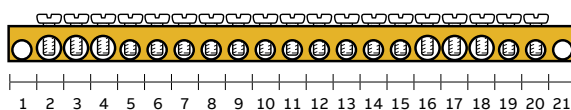
12531



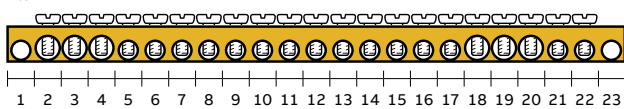
12532



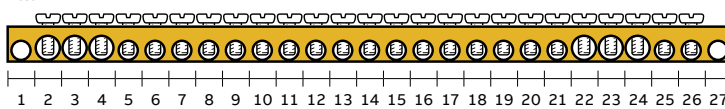
12533



12534

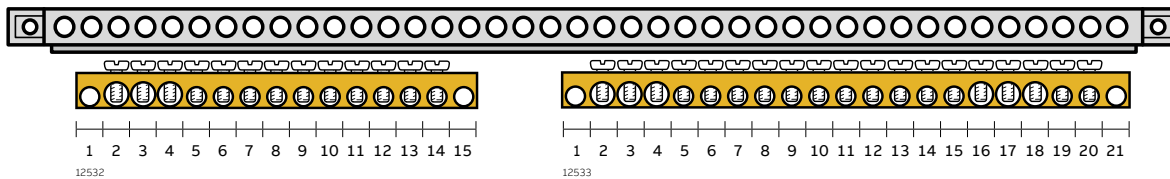


12535



Assembly examples

ISLM004100A1954



ISLM004100A1954

