



04 | 2012

TwinLine

The new system of wall-mounting and floor-standing cabinets

TwinLine
The new system of wall-mounting
and floor-standing cabinets



With the TwinLine system, STRIEBEL & JOHN has set another milestone in the field of modern power distribution. TwinLine has been tested according to IEC 61439 and DIN EN 61439 Parts 1 and 2.

The TwinLine system is a fully comprehensive product range, available in both protection classes and three cabinet depths, and all with the high IP55 degree of protection.

Continuity is the guiding principle for these new wall-mounting and floor-standing cabinets for distribution board assembly – from their high degree of protection, to their ease of installation, to a portfolio which can fulfil all requirements in the field.

The benefits: comprehensive product selection, high standards, quick and easy internal configuration. A simplified accessories concept guarantees full flexibility while reducing inventory levels.

Are you looking for a modern, user-optimised and future-proof cabinet for distribution board assembly? Then you will surely find it with TwinLine.

System intelligence comes standard with the new wall-mounting and floor-standing cabinets because in combination with CombiLine-M modules, TwinLine offers you unlimited possibilities for the internal configuration.

The product benefits

- Innovative flange technology
- Significantly more usable area for cable entry
- All flanges are compatible with all flange openings and knockouts within the entire TwinLine system
- Uniform fastening for all internal configurations
- Perfect internal configuration with CombiLine-M modules
- Optimal accessibility and ease of installation thanks to 180-degree door opening angle
- All cabinets can easily be combined in series both vertically and horizontally
- Time-saving plinth assembly and secure transport
- Simplified accessories concept for reduced inventory levels

TwinLine

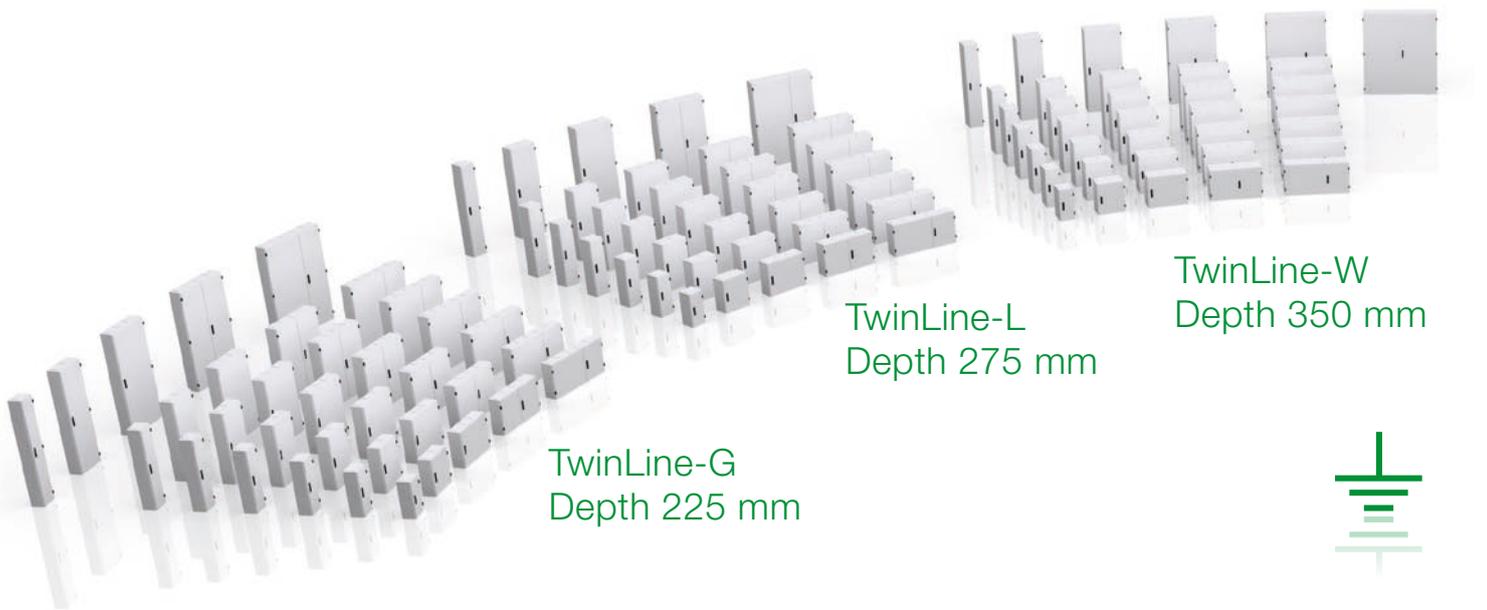
The complete cabinet system in all sizes

One system

Two protection classes

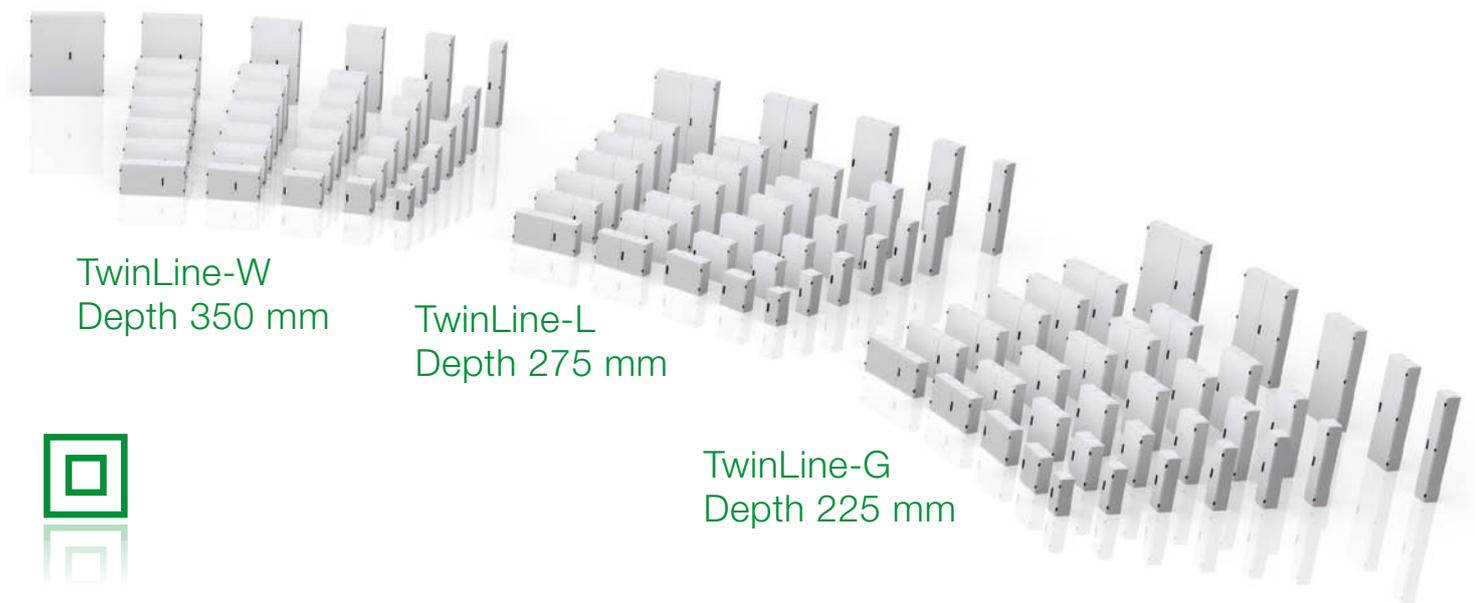
Three cabinet depths

Unlimited possibilities



Cabinet series		TwinLine-G					TwinLine-L					TwinLine-W					
Degree of protection		IP55					IP55					IP55					
Protection class		⚡					⚡					⚡					
Depth*		225					275					350					
Width*		300	550	800	1050	1300	300	550	800	1050	1300	300	550	800	1050	1300	1550
Height*	GU 4	650	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	GU 5	800	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	GU 6	950	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	GU 7	1100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	GU 8	1250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	GU 9	1400	■	■	■	■	■	■	■	■	■	■	■	■	■	■	
	GU 12	1850	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

* Dimensions in mm



TwinLine-W
Depth 350 mm

TwinLine-L
Depth 275 mm

TwinLine-G
Depth 225 mm



Cabinet series		TwinLine-G					TwinLine-L					TwinLine-W					
Degree of protection		IP55					IP55					IP55					
Protection class		□					□					□					
Depth*		225					275					350					
Width*		300	550	800	1050	1300	300	550	800	1050	1300	300	550	800	1050	1300	1550
Height*	GU 4	650	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	GU 5	800	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	GU 6	950	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	GU 7	1100	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	GU 8	1250	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	GU 9	1400	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■
	GU 12	1850	■	■	■	■	■	■	■	■	■	■	■	■	■	■	■

* Dimensions in mm

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Overview of product benefits





- Significantly more usable area for cable entry
- Innovative flange technology with tool-free installation



- Uniform fastening for all internal configurations



- All cabinets can easily be connected in series both vertically and horizontally
- New plinth concept for time-saving installation and safe transport



- Optimal accessibility and ease of installation thanks to 180-degree door opening angle

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Innovative cable entry

With TwinLine there is literally more in it for you. The usable area for cable entry is up to 84 per cent more. All flanges achieve the high IP55 degree of protection. You also get more convenience, since the 2-component flanges can be attached without the need for tools thanks to the handy push and lock technology.

- All flanges achieve the high IP55 degree of protection
- Up to 84 per cent more usable area for cable entry
- All flanges are compatible with all flange openings and knockouts within the entire TwinLine system
- Wide range of new flanges



Membrane flange

- 2-component flange with integrated seal, material: plastic
- Tool-free installation thanks to push and lock technology
- Optimal cable entry through a combination of hard and soft components
- Additional fixing and centring possible



Flange for metric screw fittings

- 2-component flange with integrated seal, material: plastic
- Tool-free installation thanks to push and lock technology
- With two different hole patterns



Flanges with cable sleeves

- 2-component flange with integrated seal, material: plastic
- Tool-free installation thanks to push and lock technology
- With two or three cable sleeves



Closing flange

- 2-component flange with integrated seal, material: plastic
- Tool-free installation thanks to push and lock technology
- Can be used as a closing flange or for customisation, e.g. for cable sleeves or screw fittings



Closing flange

- With foam seal around perimeter, material: sheet steel, 2 mm
- Continuous protective earth connection via flange fastener
- Can be used as a closing flange or for customisation, e.g. for cable sleeves or screw fittings

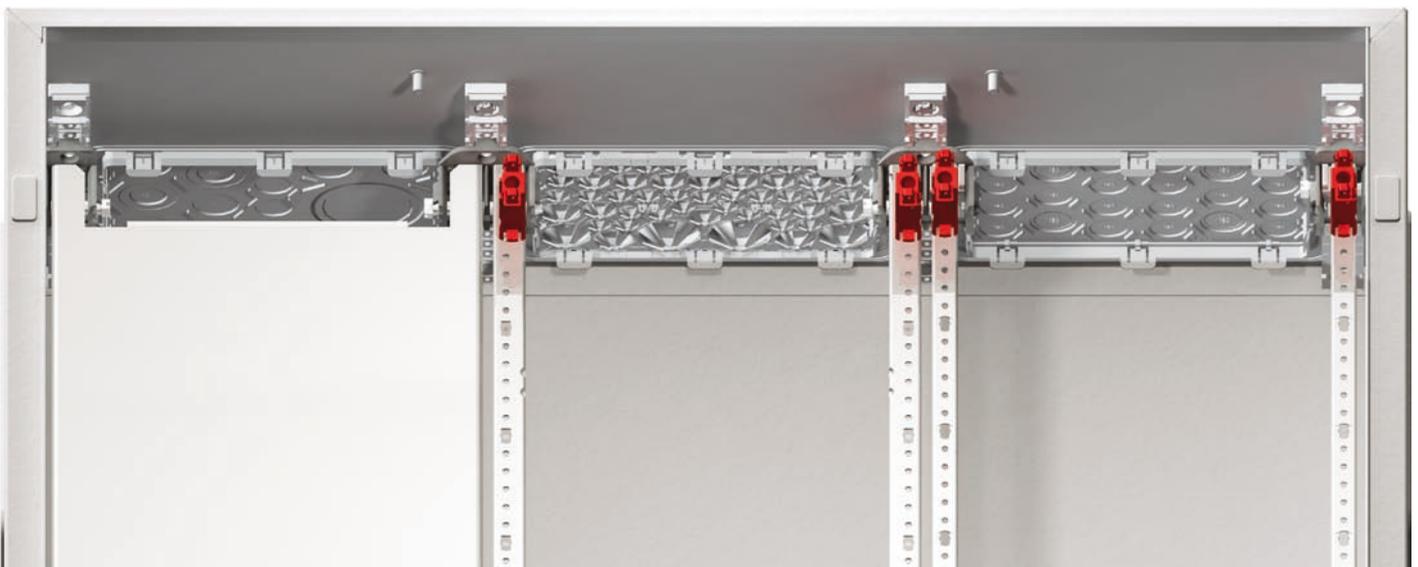
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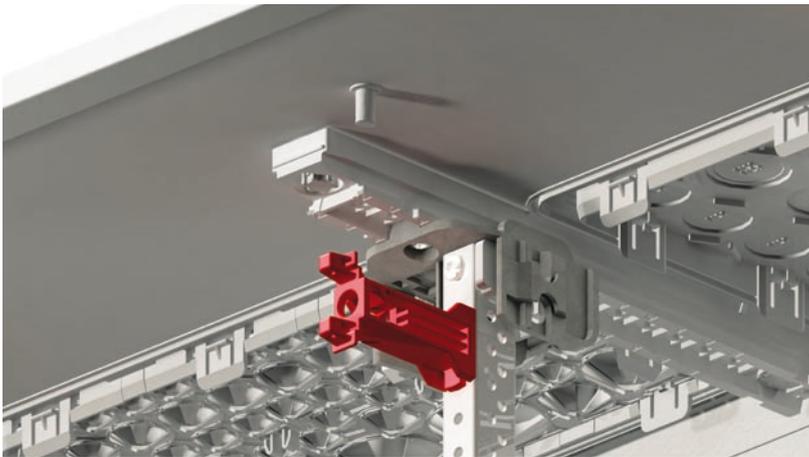
Uniform fastening for all internal configurations

TwinLine makes internal configuration fun, with a standardised system of wall-mounting and floor-standing cabinets for the CombiLine-M standardised distribution panel system. The new holders for the EDF and WR mounting frames and mounting plates have adjustable depths which can be set in 12.5 mm increments. The standard holder reduces the number of mounting components required and allows both types of mounting frame to be installed in a wall-mounting cabinet with a homogeneous installation level. TwinLine makes simplified, flexible installation a snap and helps ensure a perfect internal configuration with CombiLine-M modules.

- Time-saving installation thanks to uniform fastening of mounting plates and EDF and WR mounting frames
- Mounting plates and WR mounting frames: fast mounting using holding pins
- EDF mounting frames: flexible mounting using holder adapters
- Combination of EDF and WR mounting frames in a wall-mounting cabinet
- Drastic reduction in the number of mounting components for economical warehousing
- Depth adjustment position can be read on the mounting rail in increments of 12.5 mm

Internal configuration with mounting plate, WR and EDF mounting frames





Fastening of
EDF mounting frame



Fastening of
WR mounting frame



Fastening of
mounting plate

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Optimal accessibility and ease of installation

The new series of cabinets also offers impressive accessibility with their 180-degree door opening angle. The door hinges with exterior pivots enable optimum access during operation or for expansion, maintenance and function monitoring. The locking system also provides you with excellent flexibility, since the door hinge can be installed or replaced with a flick of the wrist.

- Door hinges with exterior pivot
- The door opening angle is 180 degrees for both individual cabinets and cabinets connected in series
- The innovative locking system is easy to install and allows you to easily modify the door hinge
- Significantly reduced installation time
- High IP55 degree of protection for all models thanks to foam door seal around the perimeter
- Additional features for improved stability and device arrangement in the doors
- Can be delivered with or without doors

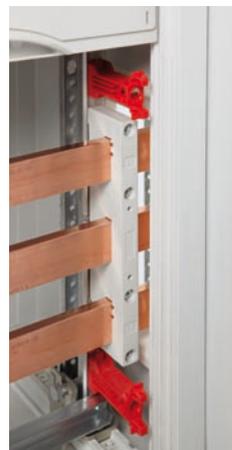


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All cabinets can be easily connected in series

For easy series connection, you will literally be on the safe side with the TwinLine cabinets. Large flange openings and knockouts give you plenty of space, and the generously dimensioned busbar openings ensure convenient installation.

- Two side knockouts for feeding busbars through or connecting cabinets in series
- All cabinets can be easily connected in series both vertically and horizontally
- Cabinet connection set for IP55 and additional insulating frames are available as accessories



Generously dimensioned busbar opening

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Time-saving plinth installation and safe transport

The new, innovative cabinet plinth literally forms the foundation of the TwinLine floor standing cabinets while providing the perfect answer to the requests from the field for greater ease of installation. The plinth consists of four parts: the connected corner and side parts and the front and back trim covers.

Removing the front and back trim covers makes transport more secure. In addition, installation is simplified by cable ducts which fit perfectly in the cabinet plinth. You want to connect a cabinet in series? Not a problem with this cabinet plinth, since cable ducts can be fed through the side parts. There is also a plinth with a height of 50 mm. Both 50 mm and 100 mm plinths can be stacked and combined.

Plinth with 100 mm height

- Innovative cabinet plinth for extremely easy installation
- Quick plinth installation from inside the cabinet
- Optimal feed-through of cables using the side knockouts for cable ducts or cable screw fittings
- Up to three plinths can be "stacked" on top of each other (no additional accessories needed)
- A cable fastening rail can be easily installed
- A cable duct can be quickly installed in the plinth (even for cabinets connected in series)

Plinth with 50 mm height

- Up to three plinths can be "stacked" on top of each other (no additional accessories needed)
- 50 mm and 100 mm plinths can be stacked and combined.





Plinth with
cable fastening rail



Plinth with cable duct

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