

# The easy choice for quality and value

## EasyPact CVS

LV circuit breakers from 100 to 630A



**Schneider**  
Electric™

- > Do you strain to find a high quality circuit breaker that is simple, flexible, and safe?
- > Have tight project budgets restricted you from choosing the best quality products?
- > Do you need the reach, support, and accessibility of a global leader, with the value of a local supplier?



Buildings



Industry

# EasyPact CVS range



## Over 50 years in the making...

The EasyPact™ CVS range of Class II, moulded-case circuit breakers from Schneider Electric™ is precision engineered to help make your installations safer and more reliable while adapting to today's tight construction and upgrade budgets. Offering exceptional capability, quality, and value, EasyPact CVS is the easy choice for all your most common electrical distribution applications in medium-sized commercial and industrial buildings.

### Just the right fit ●

#### > The performance you need

EasyPact CVS provides an exceptional feature set at its price point, including extended current limiting capacity and adjustable thermal protection.

#### > At a cost-effective investment

Pay for only what you need and don't settle for lower grade alternatives. With simplicity of selection, purchasing, stocking, and installation designed into every breaker, count on EasyPact CVS to deliver unbeatable value throughout its life cycle.

#### > With the quality you demand

Using advanced manufacturing methods and premium materials, EasyPact CVS delivers the Schneider Electric commitment to quality.



# The performance you need



## Boost uptime and cut costs

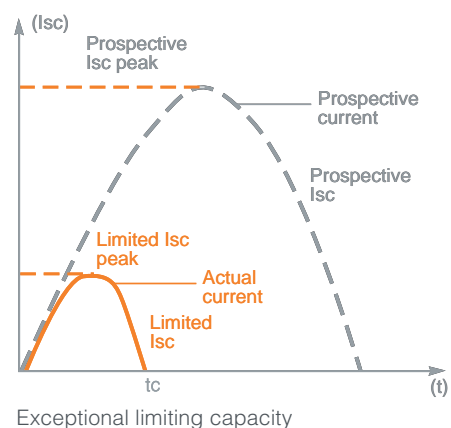
EasyPact CVS is a range of high-quality, modular circuit breakers that is both fast to install and easy to use, as well offering the utmost in operational safety. Engineered to match your most common electrical distribution applications, EasyPact CVS delivers exacting design and a focus on scrupulous manufacturing quality to ensure it remains cost-effective over the long run.

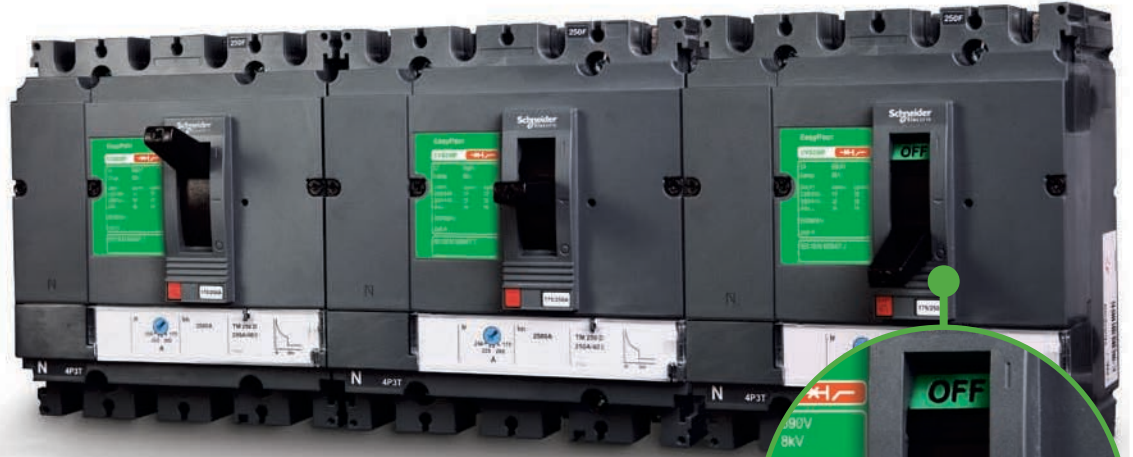


$$I_{cs} = 100\% I_{cu}$$

## Better breaking capacity

- > Outstanding limiting capacity in its price range results in greatly reduced stresses upon devices subject to fault currents.
- > Service breaking capacity ( $I_{cs}$ ) is 100% of the ultimate breaking capacity ( $I_{cu}$ ), thereby supporting enhanced product reliability, reduced service intervals and a lower total cost of ownership.
- > EasyPact CVS is also suitable for reverse-feeding applications where multiple power sources are deployed.





High visibility ON, ISOLATION, and OFF indicators help you quickly identify and diagnosis faults and reduce downtime.



'When I install EasyPact CVS, I'm confident that everything is safe and reliable.'

### Increase service life and reliability

The current-limiting capability of EasyPact CVS breakers greatly reduces the negative effects of short-circuits on equipment.

- > Reduce thermal impact  
Less temperature rise in conductors contributes to a longer service life for cables.
- > Avoid mechanical effects  
Reduced electrodynamic forces lower the risk of damaged contacts and deformed or broken busbars.
- > Fewer disturbances  
Fewer electromagnetic effects that can influence measuring devices located near electrical circuits.

### Protection you can depend on

EasyPact CVS circuit breakers ensure safe installation, operation, and maintenance.

**90%**

of applications are covered

- > Adjustable thermal protection  
Extended range, adjustable in amps from 0.7 to 1 times (TMD) or 0.5 to 1 times (electronic) the rating of the trip unit.
- > Additional insulation fault protection  
Combining EasyPact CVS with a Vigi™ CVS module or Vigirex™ relays adds earth-leakage protection with adjustable tripping thresholds and time delays
- > Isolation capability  
The EasyPact CVS range is suitable for isolation, guaranteed as per IEC 60947-2.
- > Safety  
EasyPact CVS makes certain the downstream circuit is safe, regardless of overvoltage conditions, wear, or operator experience. A highly visible and lockable contact position indicator ensures operator confidence.





# A cost-effective investment



**30%**

reduction  
in stocking  
requirements

## Superior design creates significant value

Reducing a product's total cost of ownership starts at the concept stage. The EasyPact CVS offers robust and innovative design harmonized to your application needs, and quality manufacturing without compromise.

## Pay only for what you need

EasyPact CVS provides the right technical characteristics for a wide variety of common applications, greatly simplifying ordering and installation. It doesn't require you to pay for unneeded features in order to get outstanding quality. It is also flexible enough to adapt to changing needs.

## Optimized stock

Shared accessories and logical part numbers optimize stocking and make product selection and ordering straightforward, thereby saving time and reducing effort while decreasing the likelihood of ordering errors.



## Easy design

EasyPact CVS offers a great choice of free tools to reduce design time, including Curve Direct, My Ecodial™, and Rapsody software.

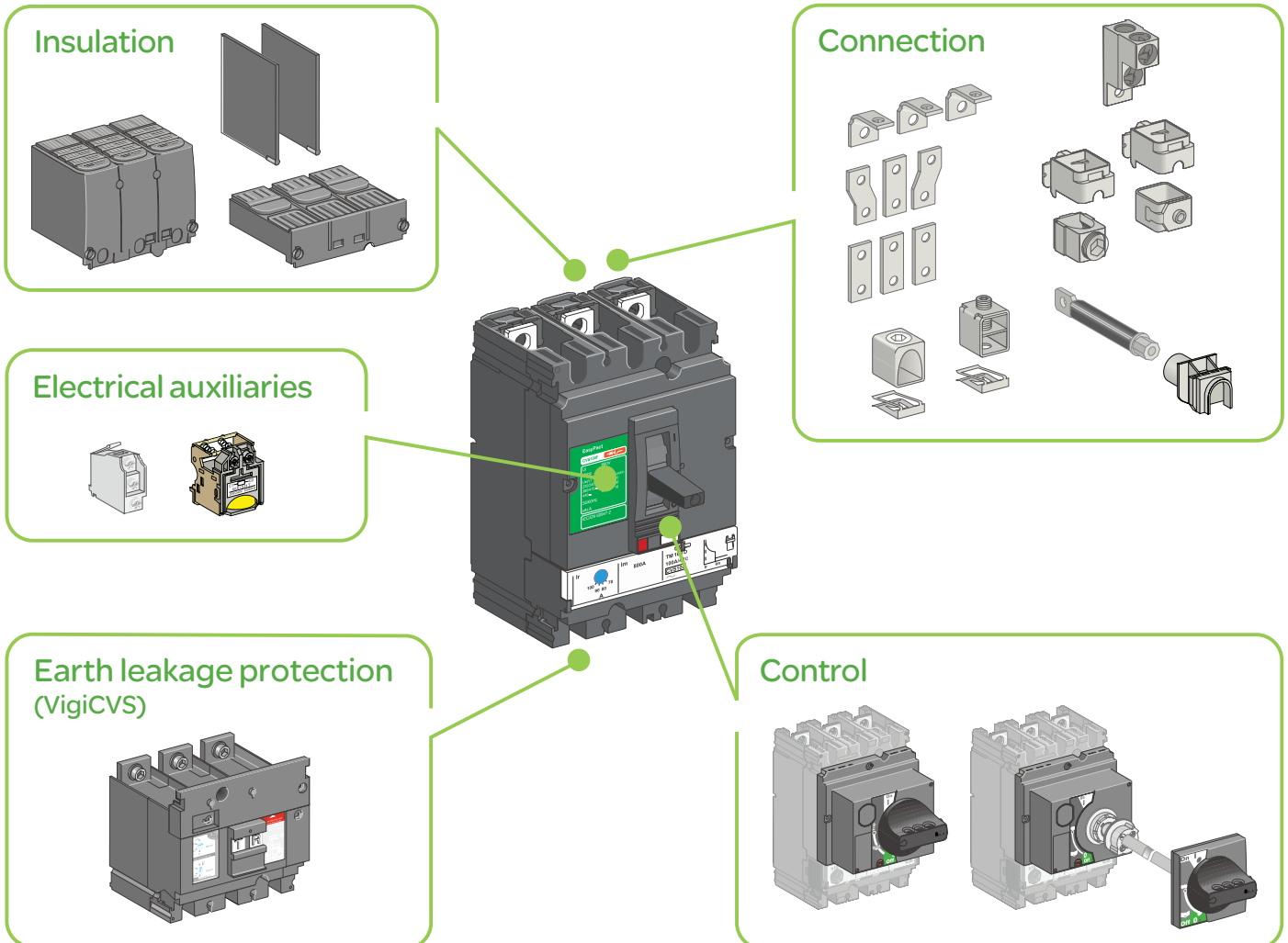
'The time and cost savings on each project helps us focus on building new business.'

## Streamline your workflow

Auxiliaries can be safely replaced even if the circuit breaker is energized.

## Modular versatility

EasyPact CVS circuit breakers provide added flexibility by sharing basic accessories and a common footprint with the rest of the Schneider Electric modular circuit breaker family. A modular, compact design, in addition to a broad range of field installable accessories, cuts installation time and effort. A reduced number of sizes rationalizes installation requirements, reduces switchboard dimensions, and lowers installation times.





# The quality you demand



## The reliability and expertise you depend on

Being the Global Specialist in Energy Management™ means more than simply supplying industry-leading products, integrated solutions, and comprehensive services to customers around the world. It also means leveraging our strong local presence and multidisciplinary expertise to ensure all your projects deliver more for less—on time and on budget.

**100%**  
commitment  
to quality

### Choose the leader

For decades, Schneider Electric has designed, engineered, and manufactured innovative electrical distribution solutions for demanding applications worldwide. Our acknowledged leadership in energy management and power protection has resulted in an unparalleled portfolio of high quality products trusted for use in demanding applications.

Schneider Electric is the global partner you can count on to deliver the service, support, and access you need to be your most efficient. Our highly skilled sales, engineering, and after-sales support professionals are there when you need them.







'Choosing EasyPact CVS means my customers are always satisfied.'



**ISO 9001**  
**ISO 14000**  
quality certified manufacturing

### The quality you expect

When you want exceptional quality and capability in a circuit breaker that is both simple and safe, turn to Schneider Electric. The complete EasyPact CVS range provides all our traditional circuit breaker strengths. It is manufactured from premium materials in ISO 9001 and ISO 14000 certified production plants.

### Discover our environmental commitment

The eco-design and eco-production philosophy behind EasyPact CVS reflects our comprehensive approach to environmental responsibility. Engineered for easy disassembly and recycling, it complies with all environmental standards for manufacturing, including RoHS and REACH.



GOST



CCC



CCS



EasyPact CVS is fully tested, approved, and certified by national, international, and third party organizations, thereby guaranteeing that your installation meets all relevant safety standards.

# EasyPact CVS characteristics

## General specifications

<b>Rated voltages:</b>	
Insulation voltage (V) $U_i$	690
Impulse withstand voltage (kV) $U_{imp}$	8
Operational voltage (V), AC 50/60 Hz	440
<b>Suitability for isolation (IEC60947-2)</b>	Yes
<b>Utilization category</b>	A
<b>Pollution degree (IEC60664-1)</b>	3

## Model comparison

	CVS100		CVS160		CVS250		CVS400		CVS630	
Breaking capacity levels	B	F	B	F	B	F	F	N	F	N
Rated current (A) at 40°C	16-100		100-160		160-250		320-400		500-630	
Number of poles	3,4									
Breaking capacity (kA mms) at 415 VAC	25	36	25	36	25	36	36	50	36	50
Operational voltage (V)	AC 50/60 Hz 440									
Service breaking capacity (kA mms)	$I_{cs}=100\% I_{cu}$									
Isolation										
<b>Protection</b>										
NA (Switch-disconnector)	Yes									
MA	Yes									
TMD	Yes									
Electronic	No					Yes				
Earth leakage protection (Vigi add on)	Yes									
<b>Accessories</b>										
Direct and extended rotary handle	Yes									
Terminals shields	Yes									
<b>Connection</b>										
Fixed front and rear	Yes									
<b>Dimensions (W x H x D, mm)</b>										
3-pole	105 x 161 x 86					140 x 255 x 110				
4-pole	140 x 161 x 86					185 x 255 x 110				
<b>Standards</b>	IEC 60947-2									
<b>Certifications</b>	GOST, CCC, CCS									



### Earth-leakage protection

Earth-leakage protection is achieved by installing a Vigi module or a Vigirex relay directly on the circuit breaker terminals.



### Switch disconnectors

The EasyPact CVS range also includes a complete selection of switch disconnectors.

Gain peace of mind  
and optimized cost  
for every installation



Make the most of your energy<sup>SM</sup>

To find out more, please visit [www.schneider-electric.com](http://www.schneider-electric.com)

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