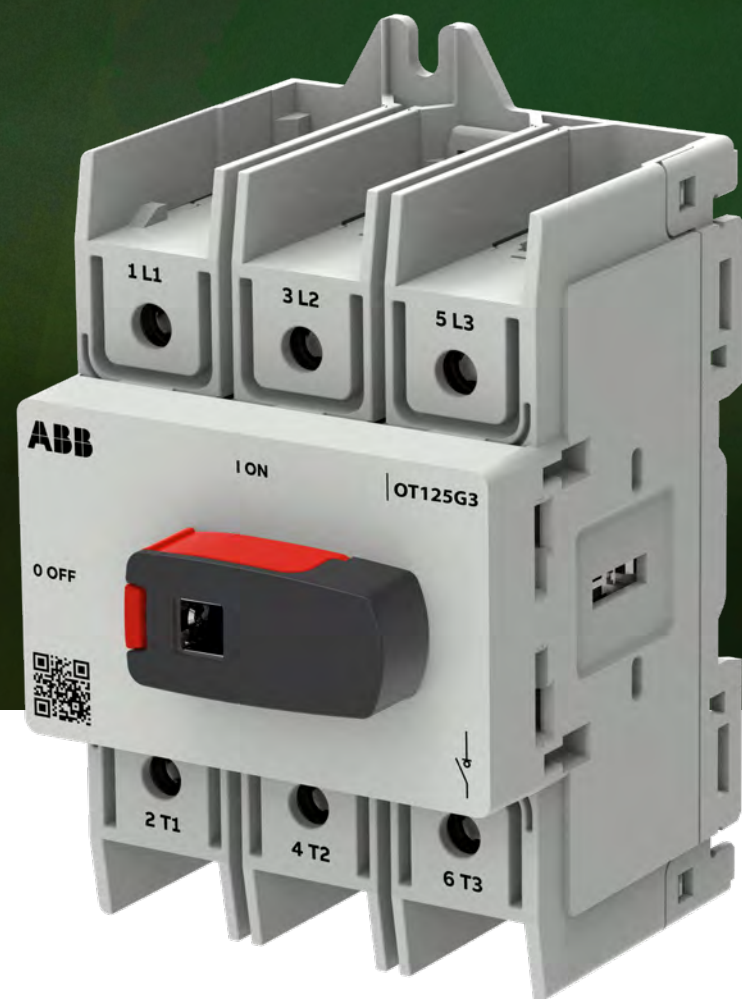

One giant leap to progress

ABB OT Plus Switch Disconnectors





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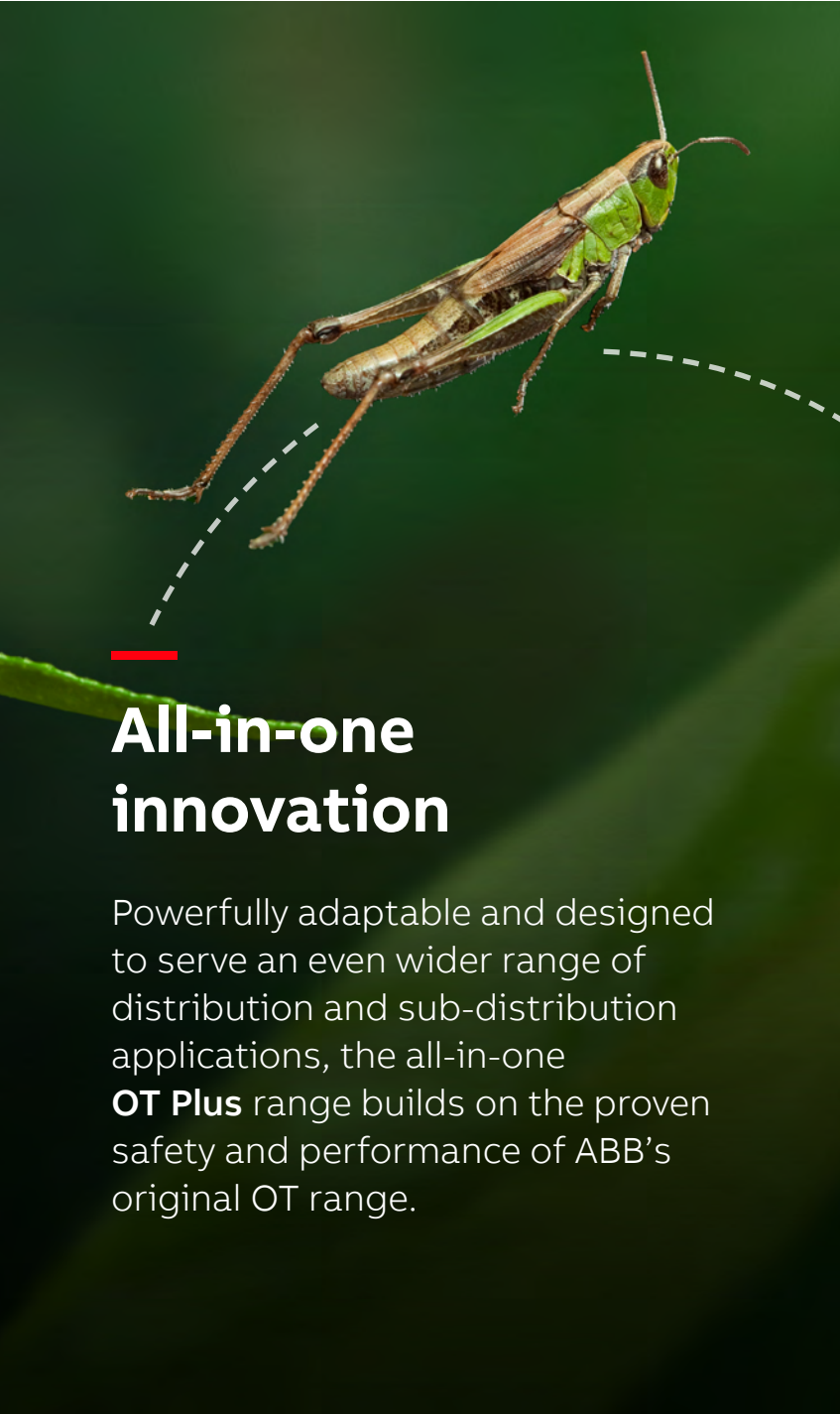
02

03

04

A new leap of innovation for switch disconnectors

Ready to build a safe, sustainable electrical distribution system? With ABB's expanded OT Plus switch disconnector range you can expect innovation from every angle.



All-in-one innovation

Powerfully adaptable and designed to serve an even wider range of distribution and sub-distribution applications, the all-in-one **OT Plus** range builds on the proven safety and performance of ABB's original OT range.



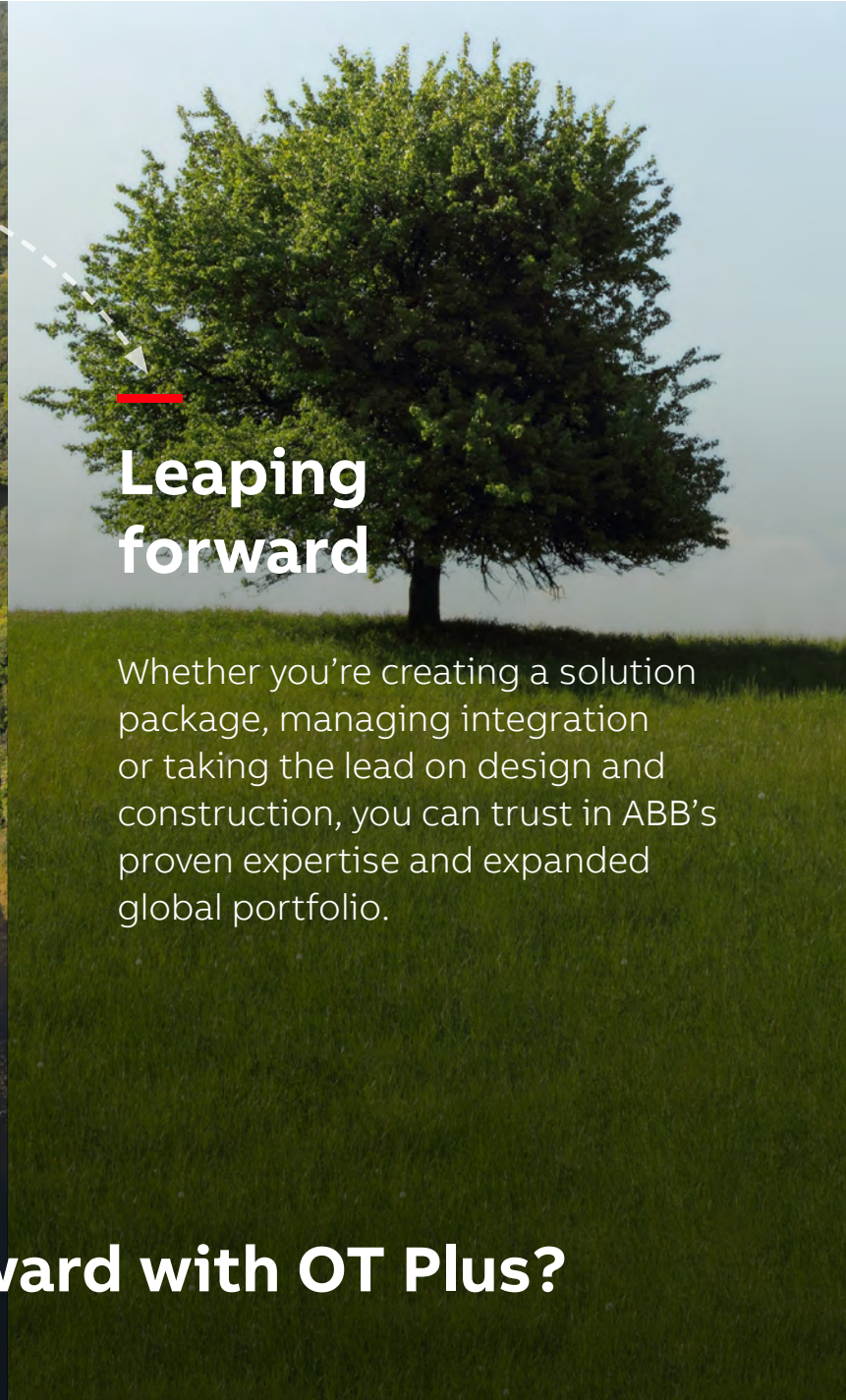
Eco-friendly design

OT Plus has also evolved to meet your customers' increasing environmental concerns, combining its cutting-edge capabilities with end-to-end, sustainable design.



Maximize transparency

Thanks to **OT Plus**'s PEP ecopassport certification, and waste-reducing packaging, you can offer your customers a planet-friendly solution that also meets regulatory demands.



Leaping forward

Whether you're creating a solution package, managing integration or taking the lead on design and construction, you can trust in ABB's proven expertise and expanded global portfolio.

Are you ready to leap forward with OT Plus?

Meet the new OT Plus switch frames

Thanks to expanded and overlapping current ratings in all frame sizes, our base mounted switch frames offer even more options for mixed and motor load applications.

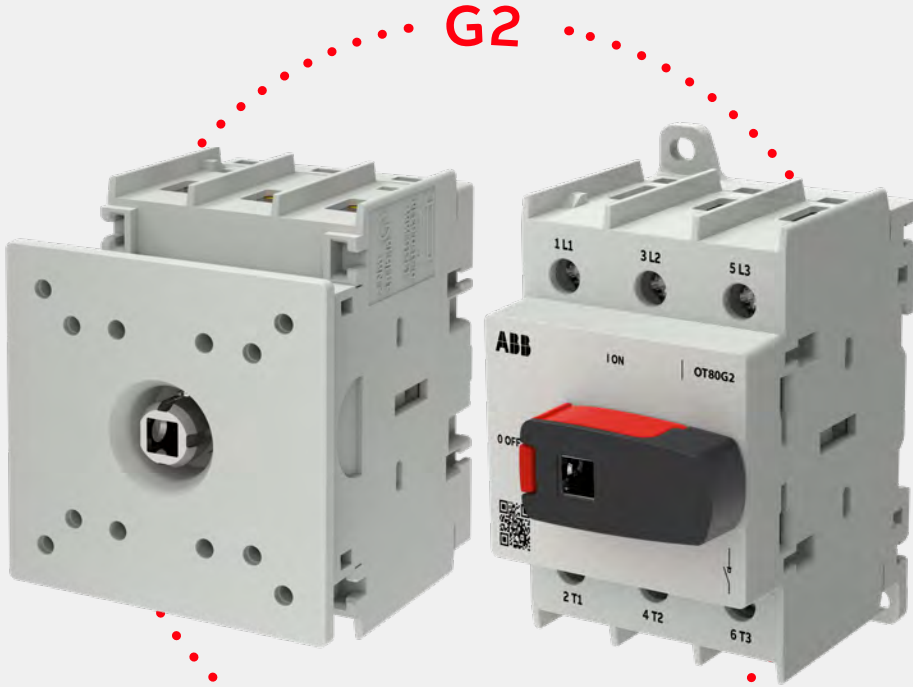
So whatever protection level your project requires, you can be sure you will find the perfect fit.



COMING SOON
G1

16A – 63A
UL 20 - 50A

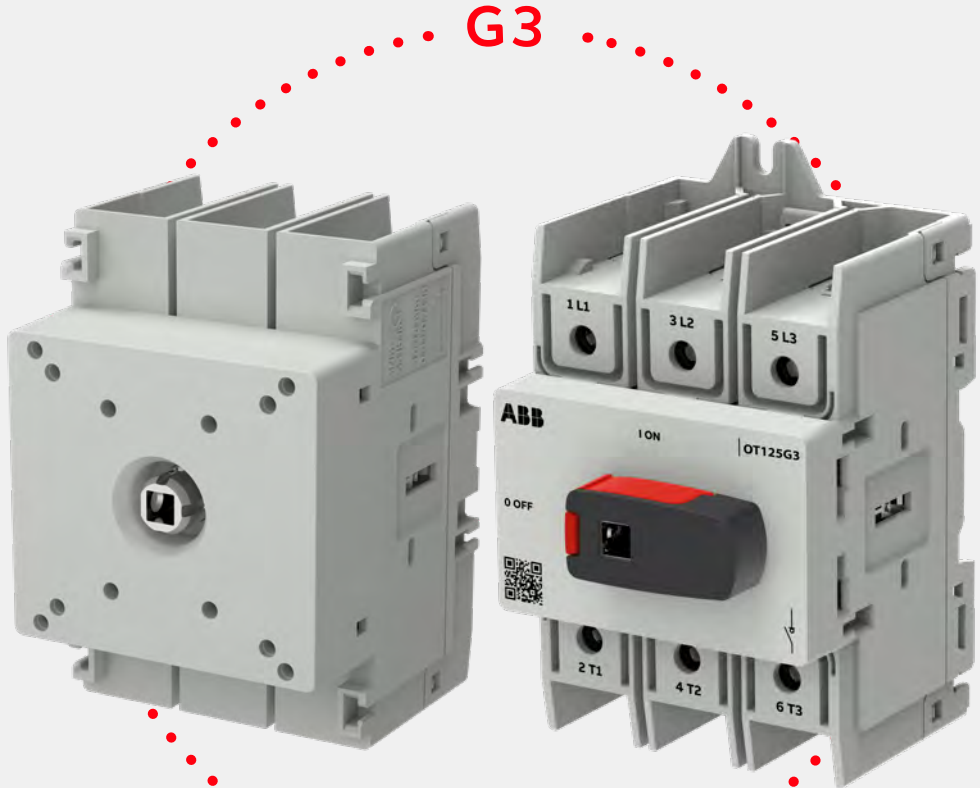
Smallest Frame



G2

63A – 100A
UL 63 - 80A

Medium Frame



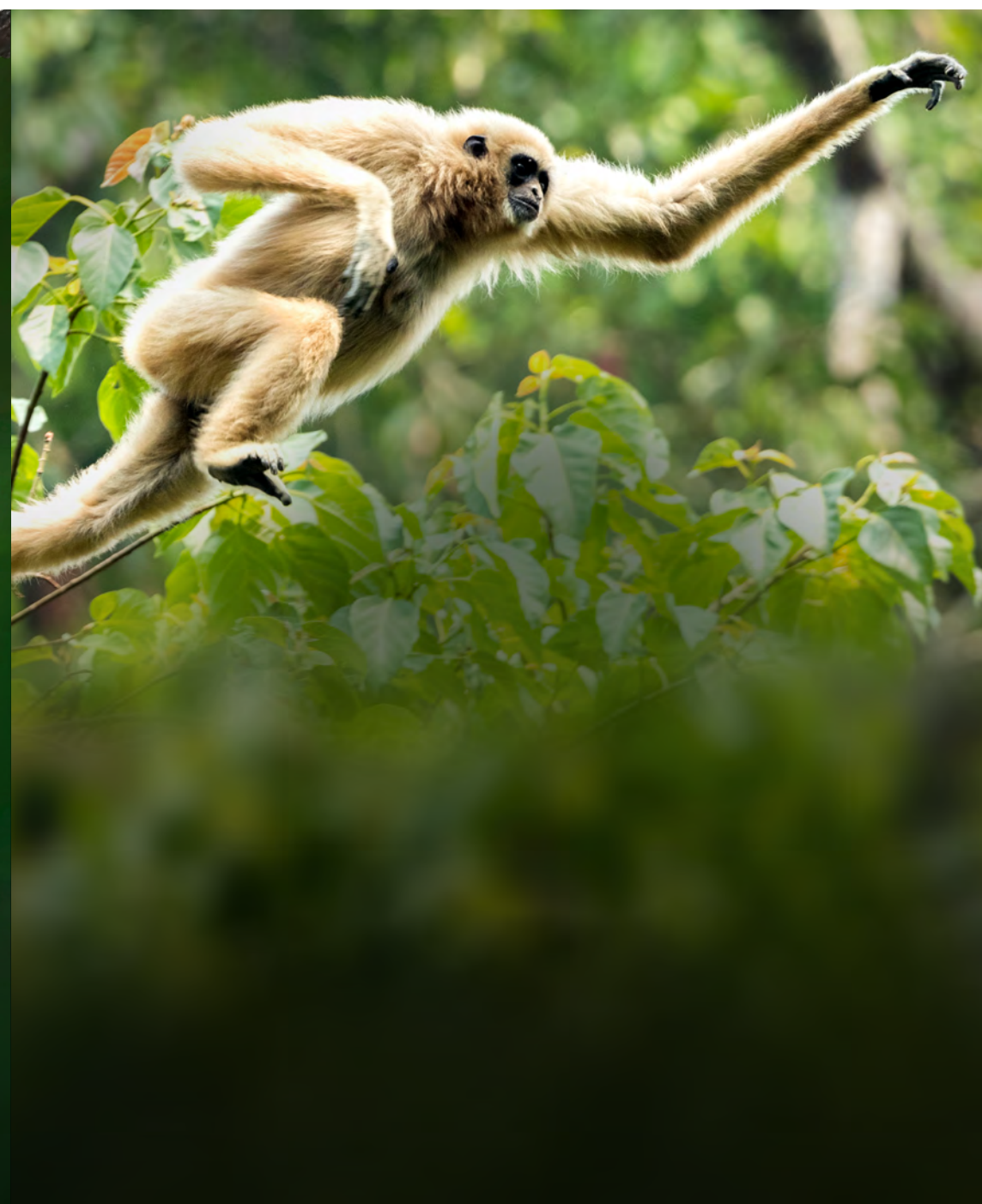
G3

63A – 160A
UL98 30-100A

Largest Frame

Why leap forward with the **OT Plus range**

The all-in-one OT Plus Switch Disconnecter range offers supreme protection and cutting-edge innovation for distribution and sub-distribution applications from 16A up to 160A with 3-, 4-, 6- and 8-pole options. So, whether your chosen application is low demand or requires the highest levels of continuity and safety, you have more options than ever before.



One giant leap for **adaptability**



The first of its kind, the **OT Plus Switch Disconnecter range** breaks new ground in electrical protection while offering installers and engineers faster, easier ways to work. You'll find some big adaptability benefits below. Expect more features too, like an adaptor to use even our smallest frames in a DIN slit setup.*

*Selected models only



Adjustable fourth pole timings

This exclusive feature lets operators choose from two timing offsets for fourth pole disconnection. Improve protection for sensitive equipment with options for simultaneous and early-make/late break disconnection.

Easy-access installation and product guides

Scannable QR codes on every switch means engineers can instantly access full technical information, 2D/3D drawings and certification – all from their smart phone or tablet.

Simply works with your application

Add the same universal auxiliary contact block to any switch frame, whether you need an INO and INC contact. All with a single unit that you can mount easily and remove rapidly. It even meets requirements for motor or safety switches.

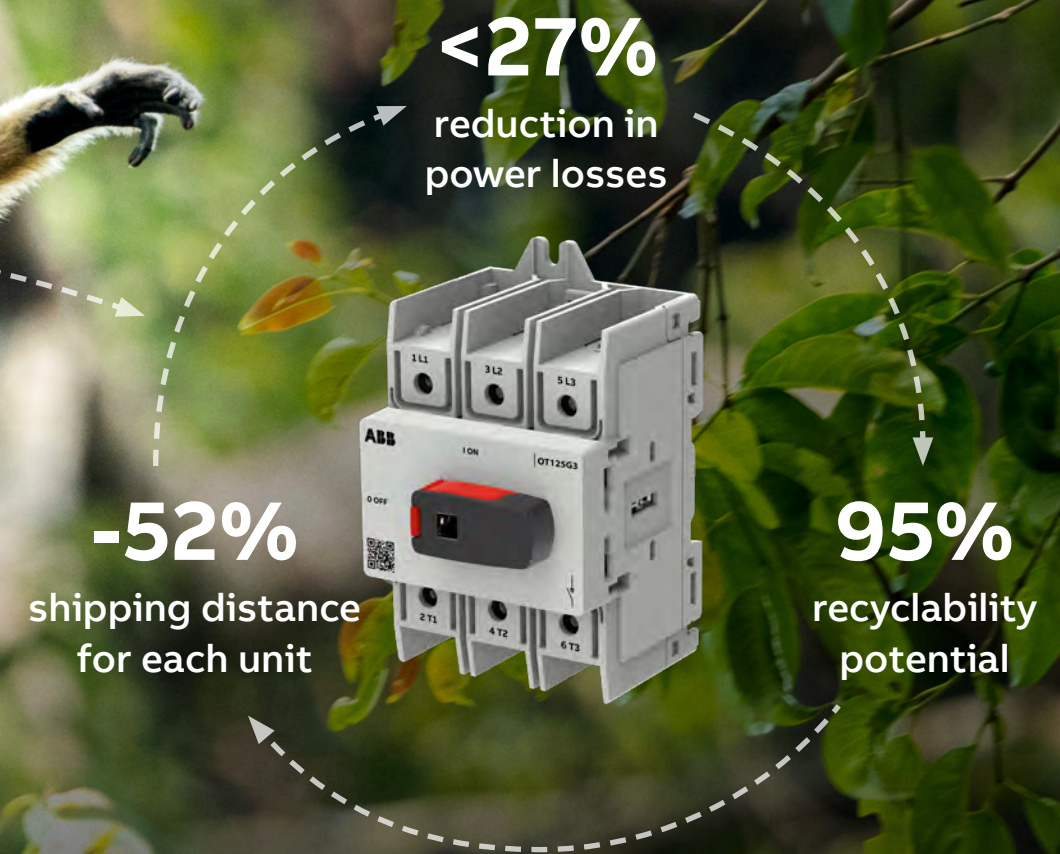
Mounting made four times easier

Install easily and at the perfect angle, without special shafts or accessories. Mount at 0°, 90°, 180° or 270° thanks to the new square-shaped hole on our switch handles.

One giant leap for **sustainability**



Whether it's meeting environmental regulations or enabling a customer's ambitious sustainability targets, ABB is dedicated to helping you provide end-to-end sustainable solutions.



Future-proof sustainable projects

Meet evolving market requirements and ensure ongoing regulatory compliance with PEP ecopassport®'s globally recognized environment declaration programme.

Optimized logistics

Less fuel consumption and emissions, thanks to a 52% reduction in the distance units are required to travel. With our more lightweight unit design the kg/km load is further reduced by 21%.

Minimal waste

Our switches arrive in compact, easy-to-store recyclable cardboard with single and bulk packs available. Plus, we've cut manufacturing waste by harmonizing colors and marking key information with lasering.

One giant leap for **reliability**



When innovation and decades of market-leading expertise work hand-in-hand, the result is cutting-edge technology, fast, simple installation and supreme safety – all from one reliable partner.



Same footprint and mounting as original OT series*

Quick and simple retrofitting with the same unit width and mounting holes as previous OT disconnectors. Offers full compatibility with existing OT shafts and external handles*

*FR1 & FR2 only. FR3 requires adaptor plate.

Printed installation guide

Ensure high quality, secure installation with essential information laser-printed directly on each model, including peel gauge, wire stripping length and tightening torque.

Improved short circuit protection

Simple, flexible protection against overload and short circuits with standard fuses or MCCBs and MCBs for advanced protection.

Lockable operating handle

Newly designed for a safer, more intuitive experience, this easy-use handle can be padlocked for additional security, and enables shaft mounting for external operation.

True fourth pole design

Protect valuable equipment, reduce the risk of electrical faults and prevent interruption of the neutral conductor.

Higher mechanical endurance

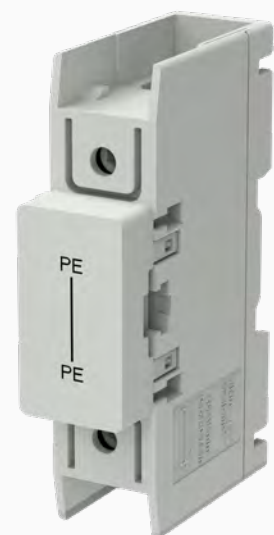
Offering an extended lifecycle that exceeds market standards.

OT Plus Accessories



NEW Universal Auxiliary Contact

Combining 1NO and 1NC contacts in one easy-to-install unit. Add up to 2+2 auxiliary contacts for up to 4NO and 4NC.



Fixed Neutral and PE Terminals

For safer, flexible mounting.



Terminal Shrouds

Protection from top to bottom, preventing operatives from making direct contact with terminals and connection parts.



Optional Red Operating Handle

Choose a black or red handle to suit local regulations.

Find your perfect fit, fast

Whether you're dealing with 16 or 160 amps, a compact control panel or vast machinery, you'll get straight to the model you need with this key.

To take a huge leap forward with our new range, look for product codes starting 'OT Plus'.

OT

ABB brand
OT ABB switch-disconnector brand

Switch size
Indicates the Ampere [A] rating of the product
16...160A

25

G1-

Symbol	Meaning
G1-	Generation letter and frame size, Frame 1
G2-	Generation letter and frame size, Frame 2
G3-	Generation letter and frame size, Frame 3

Symbol	Meaning
3	3-poles
4	4-poles
6	6-poles
8	8-poles

3

B

Symbol	Meaning
B	Base and DIN-rail mounting, front operated
D	Door mounting, front operated
M	Base and DIN-rail mounting, front operated with DIN-adapter for 45mm cut out (FR1 only)

Symbol	Meaning
S	Screw terminals
Q	Quick-spring terminals

S

Empty

Symbol	Meaning
Empty	No accessories included (black padlockable knob handle included as standard)
U	With locking ring (OTZS2)

Symbol	Meaning
N1	Fourth pole simultaneous, mounted on the left side
N2	Fourth pole simultaneous, mounted on the right side

N2

Get down to the technical detail

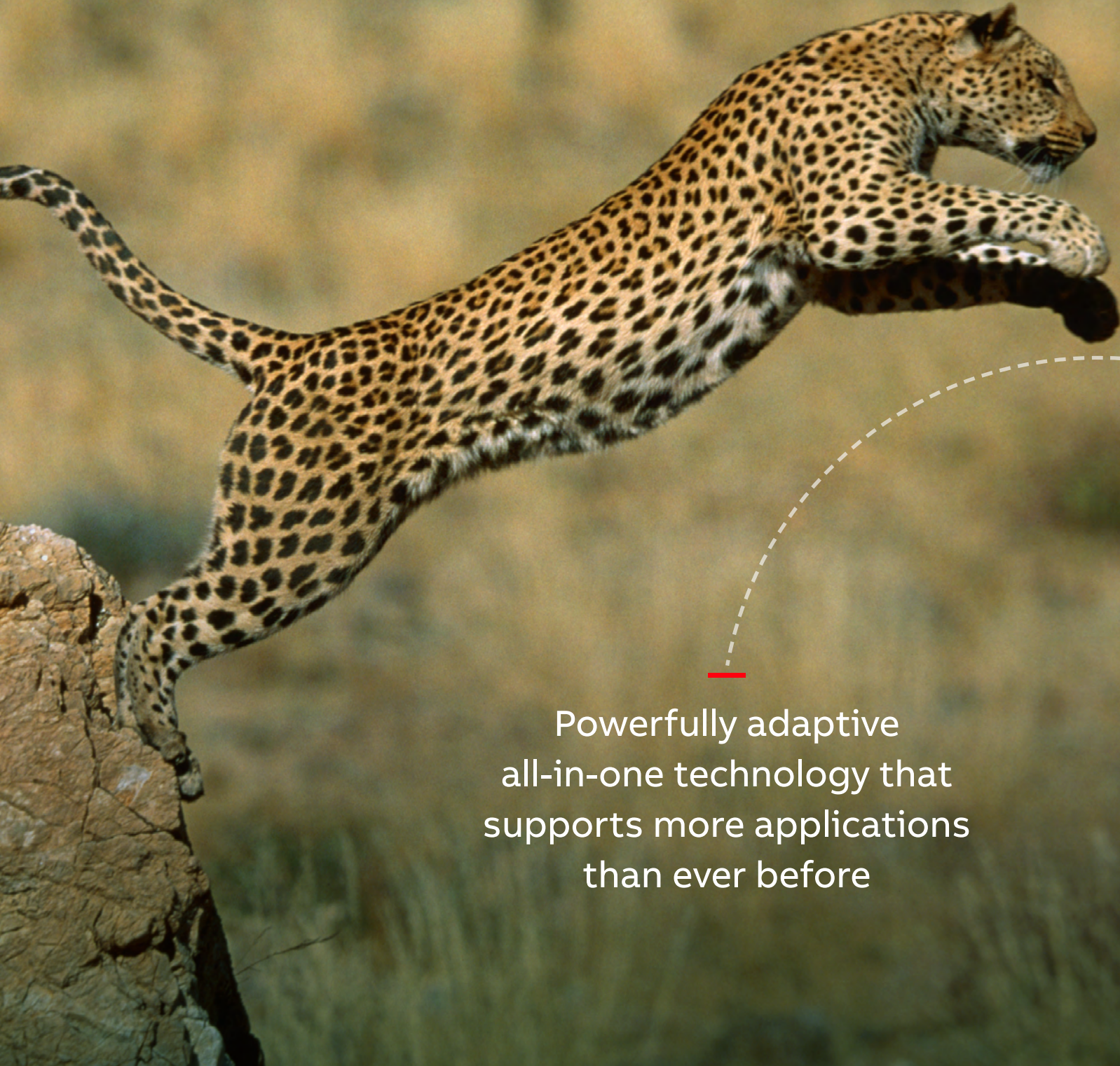
Improve safety, install easily, adapt faster and go sustainable – whatever your technical requirements. **Explore the full OT Plus range.**



Frame size	G1	G2	G3
Standards	IEC60947-3 / UL60947-4-1	IEC60947-3 / UL60947-4-1	IEC60947-3 / UL98
Switch size	16...63	63...100	30...160
Rated operational currents			
AC-22A, <415VAC [A]	16...63	63...100	63...160
AC-23A, <415VAC [A]	16...40	63...80	63...125
AC-23A, 690VAC [A]	16...25	40	50...63
AC-21A, 800VAC [A]			40...80
General purpose amp rating	20...50	63...80	30...100

Take your operations higher with OT Plus

Leap forward with...



Powerfully adaptive all-in-one technology that supports more applications than ever before

End to end sustainable design with greener packaging and full eco-documentation support

Market-leading innovation, smarter retrofitting, expert support and access to ABB's broad portfolio

ABB