



Protect your electrical installation against
the destructive effects of lightning

Meet the new SPD for residential, commercial,
and industrial buildings



Life Is On

Schneider
Electric

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Protect your business with a single investment

Extreme and unpredictable weather can have negative consequences for any business, but as a commercial, industrial or residential building owner, you can suffer the outcomes more than most.

Without efficient protection, a lightning strike has the potential to cause:

- Prolonged downtime
- Damage to critical electrical components and networks
- Large cost implications
- Staff injury or fatality

With Schneider Electric, you can get the efficiency and peace of mind you deserve.



Meet the new solutions

Acti9 iPRD1 and Acti9/Resi9 iPRD

A complement to the Acti9™ system, **Acti9 iPRD1 and Acti9/Resi9 iPRD Surge Protection Devices** (SPD) are designed to:

- Reduce operational risk
- Boost efficiency
- Improve business continuity

Acti9 SPD **protects your electrical installation and sensitive equipments against induced or conducted surges caused by direct and indirect lightning strikes**, so you gain peace of mind that your installation is well protected, even in the most demanding environments.



Suitable for all applications

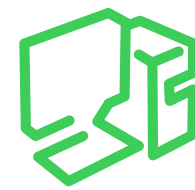
Acti9 iPRD1 and **Resi9/Acti9 iPRD SPDs** have been designed for many applications including:



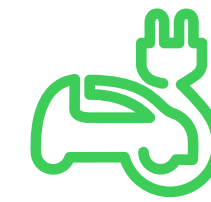
Data Centers



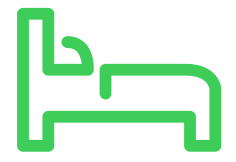
Airports



Offices



EV Stations



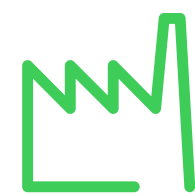
Hotels



Universities



Hospitals



Industrial



Agriculture



Homes

Best-in-class protection with improved continuity of service



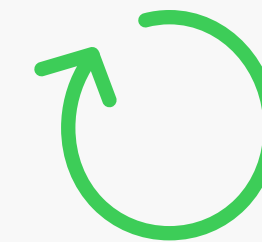
Easy to select and install

- Type 1+2 and Type 2+3 universal products offer a **wide scope of use** in main and sub-distribution boards
- **Compact versions** reduce in half the space used by the device in the panelboard
- **Self-protected versions** with embedded backup fuse avoids specific external disconnectors
- **Reduction of cables** quantity and complexity
- **Easier implementation** of “50 cm max.” length rule for connection cables



High performance protection

- Voltage protection level (U_p) $\leq 1,5\text{kV}$, offers efficient **protection for sensitive loads** with overvoltage category I (OVC I)
- **High discharge capacity** in case of direct and indirect lightning strikes
- **Withstand high prospective short-circuit** fault currents corresponding to demanding installations



Continuity of service

- End-of-life remote signaling brings peace of mind and **more efficient maintenance**
- **Coordination** of integrated backup protection with declared upstream circuit breakers and fuses disconnectors is **already certified**.
- Nominal discharge capacity (I_n) up to 20kA for Type 2+3, and up to 35 kA for Type 1+2, ensure **better protection longevity**

Benefit from innovative features in Acti9 iPRD1 SPD

iPRD1 F25r New SPD with fuse integrated



Fuse integrated design

- No need for external disconnecter
- Time and effort savings with simple installation



Less space required

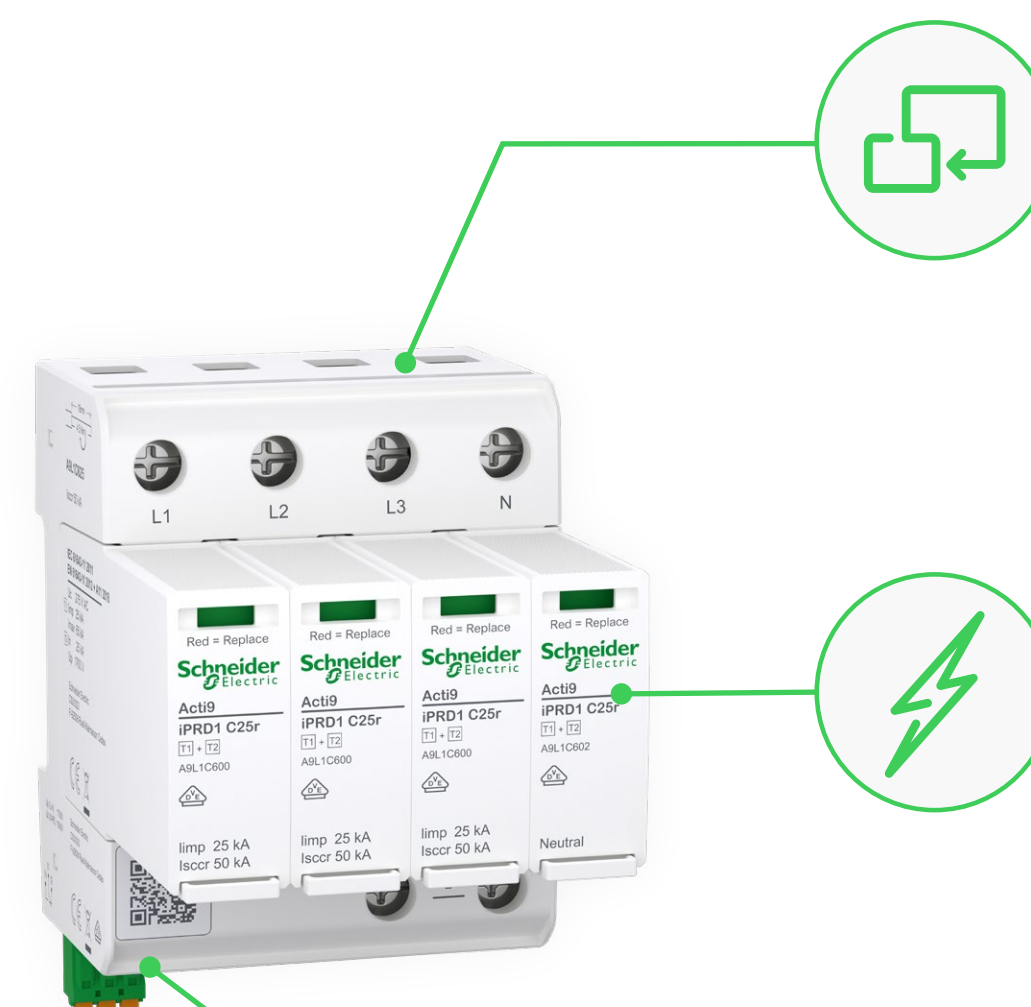
- Less cables and easy implementation with short connecting cables



Simplified installation

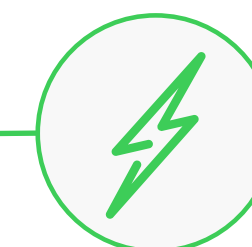
- Integrated back up protection, coordinated and certified by manufacturer

iPRD F25 New SPD more compact



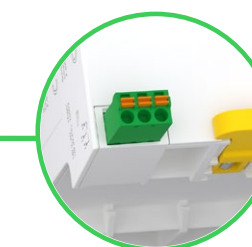
Compact design

- 50% less space needed with 18mm pole
- Reduced cost of installation



High protection

- High discharge capacity (Iimp) up to 35 kA
- High short-circuit current rating (Iscrr) up to 75 kA



Removable cartridges

- Easy maintenance and better continuity of service
- Local and remote monitoring

Get the latest updates in Acti9/Resi9 iPRD SPD

iPRD F40r

New SPD with fuse integrated



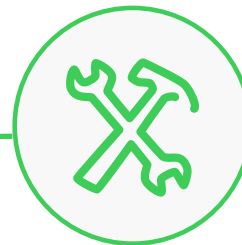
Fuse integrated design

- No need for external disconnecter
- Significantly less time and effort with simple installation



Less space required

- Less cables and easy implementation with short connecting cables

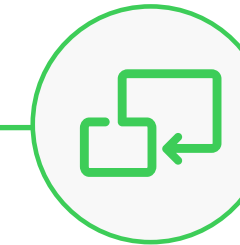


Simplified installation

- Integrated back up protection, coordinated and certified by manufacturer

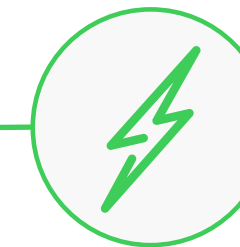
iPRD C40r

New SPD more compact



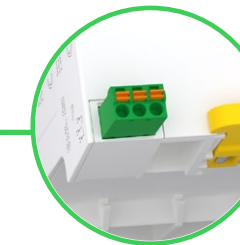
Compact design

- 50% less space needed with 9mm pole
- Reduced cost of installation



High protection

- High discharge capacity (Imax) up to 40 kA
- High short-circuit current rating (Iscrr) up to 25 kA



Removable cartridges

- Easy maintenance and better continuity of service
- Local and remote monitoring

Multiple components to benefit you: Acti9 iPRD1 SPD

Acti9 iPRD1 25r

(4x) Removable cartridges

Easy maintenance and product more sustainable



(5x) Double terminals / pole

Up to 100A, second terminal per pole allows direct V-wiring of the equipments main power from the SPD, without the need for an additional junction block.



(solid, stranded) 18mm	ø min 1.5mm ² / ø max 35mm ² / ø min 15 AWG / ø max 2 AWG
(flexible) 18mm	ø min 1.5mm ² / ø max 25mm ² / ø min 15 AWG / ø max 4 AWG

QR code

Digital link to access all the technical documentation of the product in the se.com website, ensure its traceability in the customer installation and ease its integration into the EcoStruxure platform for more services.



(4x) Visual indicators

Visual green-red mechanical indicator for each module to locally monitor the operating state of the device.



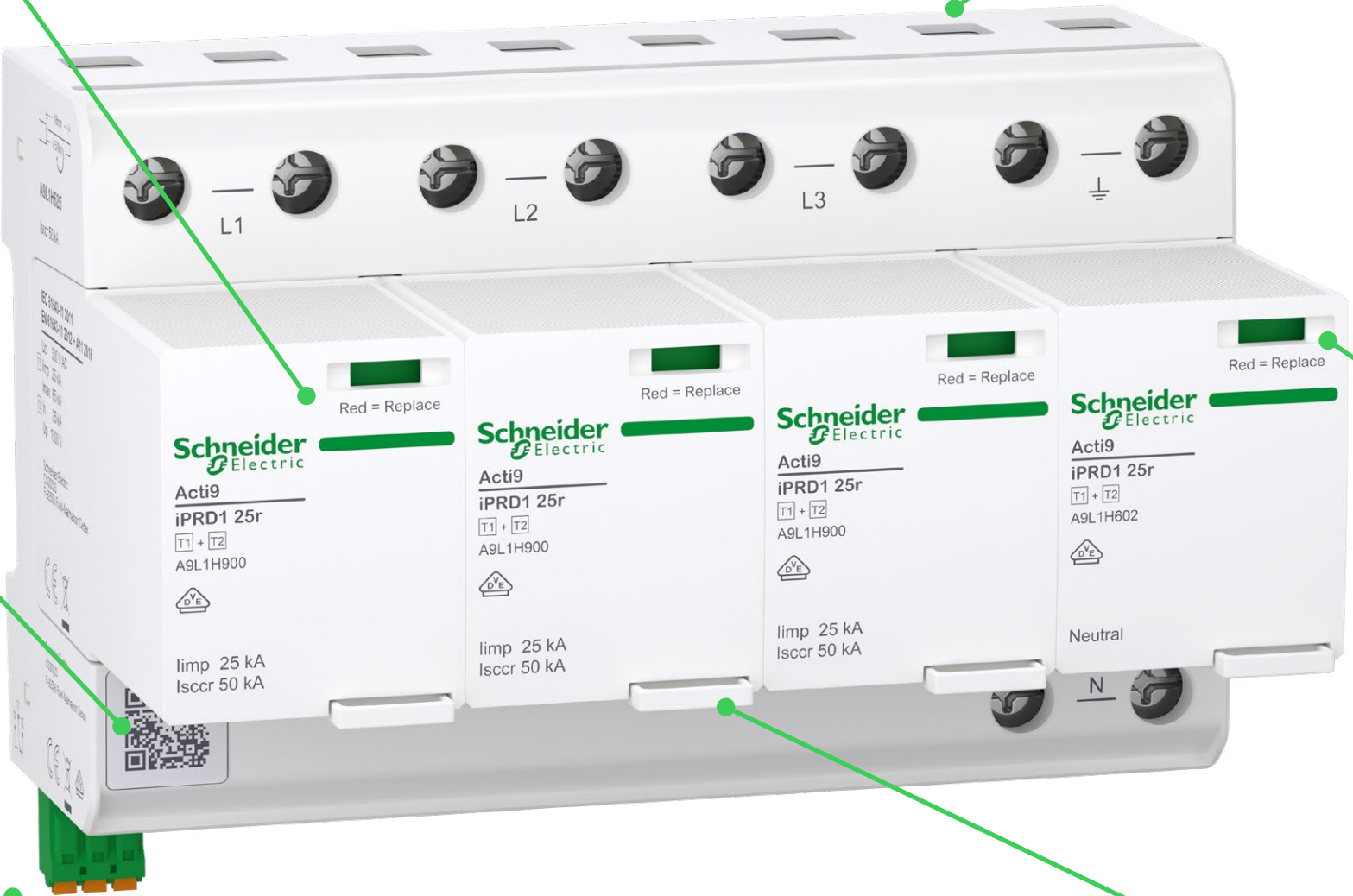
Remote contact

A remote contact (RC) device includes a three-pole signalling push-in terminal to remotely monitor the operating state of the device.



(4x) Anti-vibration lock

Vibration and shock withstand capability



Multiple components to benefit you: Acti9 iPRD1 SPD

Acti9 iPRD1 F25r

(4x) Removable cartridges

Easy maintenance and product with better lifetime



QR code

Digital link to access all the technical documentation of the product in the se.com website, ensure its traceability in the customer installation and ease its integration into the EcoStruxure platform for more services.



(3x) Remote contact

A remote contact (RC) device includes a three-pole signalling push-in terminal to remotely monitor the operating state of the device.



(3x) Double terminals / pole

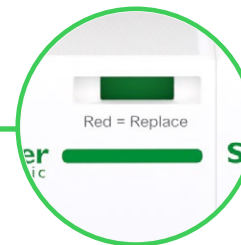
Up to 100A, second terminal per pole allows direct V-wiring of the equipments main power from the SPD, without the need for an additional junction block.



(solid, stranded) 18mm	Ø min 1.5mm² / Ø max 35mm² / Ø min 15 AWG / Ø max 2 AWG
(flexible) 18mm	Ø min 1.5mm² / Ø max 25mm² / Ø min 15 AWG / Ø max 4 AWG

(4x) Visual indicators

Visual green-red mechanical indicator for each module to locally monitor the operating state of the device.



(4x) Anti-vibration lock

Vibration and shock withstand capability



Comb busbar

2 lengths of comb busbar available for 3P+N and 3P product versions



Built in protection and efficiency: Acti9 iPRD1 SPD

Acti9 iPRD1 C25r

(2x) Removable cartridges

Easy maintenance and product with better lifetime



QR code

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Remote contact

A remote contact (RC) device includes a three-pole signalling push-in terminal to remotely monitor the operating state of the device.



(6x) Terminals



(solid, stranded) 18mm	ø min 1.5mm ² / ø max 35mm ² / ø min 15 AWG / ø max 2 AWG
(flexible) 18mm	ø min 1.5mm ² / ø max 25mm ² / ø min 15 AWG / ø max 4 AWG

(4x) Visual indicators

Visual green-red mechanical indicator for each module to locally monitor the operating state of the device.



(4x) Anti-vibration lock

Vibration and shock withstand capability



Protect your business with a single investment

Acti9 iPRD F40r

(4x) Removable cartridges

Easy maintenance and product more sustainable



QR code

Digital link to access all the technical documentation of the product in the se.com website, ensure its traceability in the customer installation and ease its integration into the EcoStruxure platform for more services.



Remote contact

A remote contact (RC) device includes a three-pole signalling push-in terminal to remotely monitor the operating state of the device.



(6x) Terminals



(solid, stranded) 18mm	ø min 1.5mm ² / ø max 35mm ² / ø min 15 AWG / ø max 2 AWG
(flexible) 18mm	ø min 1.5mm ² / ø max 25mm ² / ø min 15 AWG / ø max 4 AWG

(4x) Visual indicators

Visual green-red mechanical indicator for each module to locally monitor the operating state of the device.



(4x) Anti-vibration lock

Vibration and shock withstand capability



Protect your business with a single investment

Resi9 iPRD C40r

(2x) Removable cartridges

Easy maintenance and product more sustainable



QR code

Digital link to access all the technical documentation of the product in the se.com website, ensure its traceability in the customer installation and ease its integration into the EcoStruxure platform for more services.



Remote contact

A remote contact (RC) device includes a three-pole signalling push-in terminal to remotely monitor the operating state of the device.



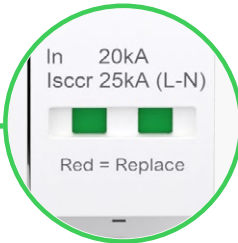
(4x) Line terminals



(solid, stranded) 15mm	ø min. 2.5mm² / ø max. 10mm² / ø min. 13 AWG / ø max. 7 AWG
(flexible) 15mm	ø min. 2.5mm² / ø max. 6mm² / ø min. 13 AWG / ø max. 10 AWG

(2x2) Visual indicators

Visual green-red mechanical indicator for each module to locally monitor the operating state of the device.



PE terminal



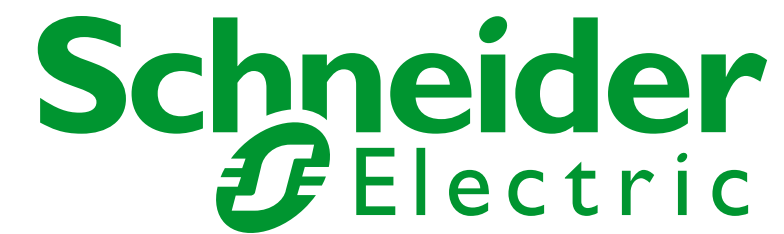
(solid, stranded) 15mm	ø min. 2.5mm² / ø max. 35mm² / ø min. 13 AWG / ø max. 2 AWG
(flexible) 15mm	ø min. 2.5mm² / ø max. 25mm² / ø min. 13 AWG / ø max. 4 AWG

Discover the entire portfolio of our new SPDs

Type 1 + 2 Product	Product Name	Product Reference
	Acti9 iPRD1 25r SPD 3P Optimum with remote	A9L1H325
	Acti9 iPRD1 25r SPD 3PN Optimum with remote	A9L1H625
	Acti9 iPRD1 25r Cartridge L-N Optimum	A9L1H900
	Acti9 iPRD1 25r Cartridge N-PE Optimum	A9L1H602
	Acti9 iPRD1 F25r SPD 3P with Fuse with remote	A9L1H325
	Acti9 iPRD1 F25r SPD 3PN with Fuse with remote	A9L1H625
	Acti9 iPRD1 F25r Cartridge L-N with Fuse	A9L2F602
	Acti9 iPRD1 C25r SPD 3P Compact with remote	A9L1C325
	Acti9 iPRD1 C25r SPD 3PN Compact with remote	A9L1C625
	Acti9 iPRD1 C25r Cartridge L-N Compact	A9L1C600
	Acti9 iPRD1 C25r Cartridge L-PEN Compact	A9L1C300
	Acti9 iPRD1 C25r Cartridge N-PE Compact	A9L1C602

Type 2 + 3 Product	Product Name	Product Reference
	Acti9 iPRD F40r SPD 3P with Fuse with remote	A9L2F340
	Acti9 iPRD F40r SPD 3PN with Fuse with remote	A9L2F640
	Acti9 iPRD F40r Cartridge L-N with Fuse	A9L2F900
	Acti9 iPRD F40r Cartridge N-PE with Fuse	A9L2F602
	Resi9 iPRD C40r SPD 3PN Compact with remote	R9L2C640
	Resi9 iPRD C40r Cartridge L1-N L2-N Compact	R9L2C600
	Resi9 iPRD C40r Cartridge L3-N N-PE Compact	R9L2C602

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To get more information about
Schneider Electric SPD Boost, visit:

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