

iPRD surge arresters

iPRD withdrawable surge arresters allow quick replacement of damaged cartridges.

- Type 1 surge arresters meet the normative withstand capability of current wave type 10/350 µs.
- Type 2 surge arresters meet the normative withstand capability of current wave type 8/20 µs.
- Type 3 surge arresters meet the normative withstand capability of combined wave type 1.2/50 µs and 8/20 µs.



A9L65501



A9L40501



A9L20501



A9L08501

Reference	Pole Configuration	Rated discharge current (Imax)	Nominal discharge current (In)	Earthing system
iPRD65				
A9L65501	1P+N	65 kA Very high risk level (strongly exposed site)	20 kA	TT & TN-S
iPRD40				
A9L40501	1P+N	40 kA High risk level	15 kA	TT & TN-S
A9L40500	1P+N			TT & TN-S
iPRD20				
A9L20501	1P+N	20 kA Medium risk level	5 kA	TT & TN-S
A9L20500	1P+N			TT & TN-S
iPRD8				
A9L08501	1P+N	8 kA Secondary protection: placed near the loads to be protected when they are at a distance of more than 10 m from the incoming surge arrester	2.5 kA	TT & TN-S
A9L08500	1P+N			TT & TN-S

Surge arrester/circuit breaker association			
Surge arrester	Associated circuit breaker		
	iPRD		iPRD IT
	Isc ≤ 25 kA	Isc ≤ 50 kA	Isc (IT 400 V AC) ≤ 5 kA
iPRD65	Curve C 50 A	Curve C 63 A	Curve C 25 A
iPRD40	Curve C 40 A	Curve C 63 A	Curve C 20 A
iPRD20	Curve C 20 A	Curve C 63 A	Curve C 10 A
iPRD8	Curve C 10 A	Curve C 63 A	Curve C 10 A



A9L16182

Reference	Pole Configuration	Rated discharge current (Imax)	Nominal discharge current (In)	Earthing system
iPRD1 12.5r				
A9L16182	1P	50 kA	20 kA	TN-C
A9L16282	1P+N			TT & TN-S

Surge protection kits for separate installation

Each kit is supplied with:

- iPRD surge arrester
- Correctly rated 2 pole iC60H disconnection miniature circuit breaker
- Distributed neutral bar and SEA9NKIT connection
- Insulated high IP rated enclosure with transparent cover and lock
- L1, N, E connecting cables



PRD1PN20R

Surge protection kits		
Catalogue number	Type	Number of poles
PRD1PN20R	Type 2	Surge Arrester 20 kA 1P+N
PRD1PN40	Type 2	Surge Arrester 40 kA 1P+N
PRD1PN8	Type 2	Surge Arrester 8 kA 1P+N

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A9L65601



A9L40600



A9L20601



A9L08601

Reference	Pole Configuration	Rated discharge current (Imax)	Nominal discharge current (In)	Earthing system
iPRD65				
A9L65601	3P+N	65 kA Very high risk level (strongly exposed site)	20 kA	TT & TN-S
iPRD40				
A9L40600	3P+N	40 kA High risk level	15 kA	TT & TN-S
A9L40401	4P			TN-C-S
iPRD20				
A9L20601	3P+N	20 kA Medium risk level	5 kA	TT & TN-S
A9L20600	3P+N			TT & TN-S
iPRD8				
A9L08601	3P+N	8 kA Secondary protection: placed near the loads to be protected when they are at a distance of more than 10 m from the incoming surge arrester	2.5 kA	TT & TN-S
A9L08600	3P+N			TT & TN-S

Surge arrester/circuit breaker association			
Surge arrester	Associated circuit breaker		
	iPRD		iPRD IT
	Isc ≤ 25 kA	Isc ≤ 50 kA	Isc (IT 400 V AC) ≤ 5 kA
iPRD65	Curve C 50 A	Curve C 63 A	Curve C 25 A
iPRD40	Curve C 40 A	Curve C 63 A	Curve C 20 A
iPRD20	Curve C 20 A	Curve C 63 A	Curve C 10 A
iPRD8	Curve C 10 A	Curve C 63 A	Curve C 10 A



A9L16382

Reference	Pole Configuration	Rated discharge current (Imax)	Nominal discharge current (In)	Earthing system
iPRD1 12.5r				
A9L16382	3P	50 kA	20 kA	TN-C
A9L16482	3P+N			TT & TN-S

Surge protection kits for separate installation

Each kit is supplied with:

- iPRD surge arrester
- Correctly rated 4 pole iC60H disconnection miniature circuit breaker
- Distributed neutral bar and SEA9NKIT connection
- Insulated high IP rated enclosure with transparent cover and lock
- L1, L2, L3, N, E connecting cables



PRD3PN40R

Surge protection kits		
Catalogue number	Type	Number of poles
PRD3PN40	Type 2	Surge Arrester 40 kA 3P+N
PRD3PN40R	Type 2	Surge Arrester 40 kA 3P+N
PRD3PN65R	Type 2	Surge Arrester 65 kA 3P+N
PRD3PN8	Type 2	Surge Arrester 8 kA 3P+N