

Product datasheet

Specifications



iPRD65r modular surge arrester - 1P - 350V - with remote transfert

A9L65101

Main

| | |
|-----------------------------|---|
| Range Of Product | Acti9 |
| Product Name | Acti9 iPRD |
| Product Or Component Type | Surge arrester with pluggable cartridge |
| Device Short Name | iPRD65r |
| Device Application | Distribution |
| Standards | EN 61643-11:2012 IEC 61643-11:2011 |
| Product Certifications | CE |
| Quality Labels | KEMA-KEUR NF |
| Poles Description | 1P |
| Remote Signalling | With |
| Signal Contacts Composition | 1 SD (1 C/O) |
| Surge Arrester Type | Electrical distribution network |
| Earthing System | IT 230 TN-C |

Complementary

| | |
|---|---|
| Surge Arrester Class Type | Type 2 |
| Surge Arrester Technology | MOV |
| [Ue] Rated Operational Voltage | 230/400 V AC (+/- 10 %) at 50/60 Hz |
| [In] Nominal Discharge Current | Common mode: 20 kA (L/PE) Common mode: 20 kA (N/PE) |
| [Imax] Maximum Discharge Current | Common mode: 65 kA L/PE |
| [Uc] Maximum Continuous Operating Voltage | Common mode: 350 V L/PE Common mode: 350 V N/PE |
| Maximum [Up] Voltage Protection Level | Common mode <1.5 kV type 2 L/PE |
| [Ut] Temporary Overvoltage | 337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode |
| Disconnecter Device Type | Associated circuit breaker IC60N 50 A curve C - Icu 10 kA Associated circuit breaker iC60H 50 A curve C - Icu 15 kA Associated circuit breaker NG125N 50 A curve C - Icu 25 kA Associated circuit breaker NG125H 50 A curve C - Icu 36 kA Associated circuit breaker NG125L 50 A curve C - Icu 50 kA Associated fuse gG 80 A - Icu 50 kA |
| Signalling Circuit Voltage | 0.25 A/250 V AC 50/60 Hz |

| | |
|---|--|
| Mounting Mode | Clip-on (DIN rail) |
| 9 Mm Pitches | 2 |
| Height | 85 mm |
| Width | 18 mm |
| Depth | 69 mm |
| Net Weight | 0.136 kg |
| Colour | White (RAL 9003) |
| [I_{pe}] Ground Residual Current | 0.003 mA 0.6 mA |
| Connections - Terminals | Tunnel type terminal (downside) 2.5...35 mm ² Tunnel type terminal (upside) 2.5...35 mm ² |
| Tightening Torque | 2.5 N.m |

Environment

| | |
|--|------------------------------|
| IK Degree Of Protection | IK03 conforming to IEC 62262 |
| Relative Humidity | 5...95 % |
| Operating Altitude | 2000 m |
| Ambient Air Temperature For Operation | -25...60 °C |
| Ambient Air Temperature For Storage | -40...85 °C |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 2 cm |
| Package 1 Width | 7 cm |
| Package 1 Length | 9 cm |
| Package 1 Weight | 158 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 12 |
| Package 2 Height | 8 cm |
| Package 2 Width | 10 cm |
| Package 2 Length | 27.5 cm |
| Package 2 Weight | 1.987 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 108 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 18.596 kg |

Contractual warranty

| | |
|-----------------|-----------|
| Warranty | 12 months |
|-----------------|-----------|

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)

Product datasheet

Specifications



iPRD65r modular surge arrester - 3P + N - 350V - with remote transfert

A9L65301

Main

| | |
|-----------------------------|---|
| Range Of Product | Acti9 |
| Product Name | Acti9 iPRD |
| Product Or Component Type | Surge arrester with pluggable cartridge |
| Device Short Name | iPRD65r |
| Device Application | Distribution |
| Standards | EN 61643-11:2012 IEC 61643-11:2011 |
| Product Certifications | CE |
| Quality Labels | KEMA-KEUR NF |
| Poles Description | 3P |
| Remote Signalling | With |
| Signal Contacts Composition | 1 SD (1 C/O) |
| Surge Arrester Type | Electrical distribution network |
| Earthing System | TN-C IT 230 |

Complementary

| | |
|---|--|
| Surge Arrester Class Type | Type 2 |
| Surge Arrester Technology | MOV + GDT |
| [Ue] Rated Operational Voltage | 230/400 V AC (+/- 10 %) at 50/60 Hz |
| [In] Nominal Discharge Current | Common mode: 20 kA (L/PE) Common mode: 20 kA (N/PE) Differential mode: 20 kA (L/N) |
| [Imax] Maximum Discharge Current | Common mode: 65 kA L/PE Common mode: 65 kA N/PE Differential mode: 65 kA L/N |
| [Uc] Maximum Continuous Operating Voltage | Common mode: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N |
| Maximum [Up] Voltage Protection Level | Common mode <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N |
| [Ut] Temporary Overvoltage | 337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode |

| | |
|--------------------------------------|---|
| Disconnecter Device Type | Associated circuit breaker IC60N 50 A curve C - Icu 10 kA Associated circuit breaker iC60H 50 A curve C - Icu 15 kA Associated circuit breaker NG125N 50 A curve C - Icu 25 kA Associated circuit breaker NG125H 50 A curve C - Icu 36 kA Associated circuit breaker NG125L 50 A curve C - Icu 50 kA Associated fuse gG 80 A - Icu 50 kA |
| Signalling Circuit Voltage | 0.25 A/250 V AC 50/60 Hz |
| Mounting Mode | Clip-on (DIN rail) |
| 9 Mm Pitches | 6 |
| Height | 85 mm |
| Width | 54 mm |
| Depth | 69 mm |
| Net Weight | 0.393 kg |
| Colour | White (RAL 9003) |
| [Ipe] Ground Residual Current | 0.6 mA 0.003 mA |
| Connections - Terminals | Tunnel type terminal (downside) 2.5...35 mm ² Tunnel type terminal (upside) 2.5...35 mm ² |
| Tightening Torque | 2.5 N.m |

Environment

| | |
|--|------------------------------|
| IK Degree Of Protection | IK03 conforming to IEC 62262 |
| Relative Humidity | 5...95 % |
| Operating Altitude | 2000 m |
| Ambient Air Temperature For Operation | -25...60 °C |
| Ambient Air Temperature For Storage | -40...85 °C |

Packing Units

| | |
|-------------------------------------|---------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 7.7 cm |
| Package 1 Width | 6.2 cm |
| Package 1 Length | 9.2 cm |
| Package 1 Weight | 427.0 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 4 |
| Package 2 Height | 8.5 cm |
| Package 2 Width | 10 cm |
| Package 2 Length | 28 cm |
| Package 2 Weight | 1.77 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 36 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |

| | |
|------------------|-------|
| Package 3 Length | 40 cm |
|------------------|-------|

| | |
|------------------|-----------|
| Package 3 Weight | 16.463 kg |
|------------------|-----------|

Contractual warranty

| | |
|----------|-----------|
| Warranty | 12 months |
|----------|-----------|

Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

Product datasheet

Specifications



iPRD65r modular surge arrester - 3P - IT - 460V - with remote transfert

A9L65321

Main

| | |
|-----------------------------|---|
| Range Of Product | Acti9 |
| Product Name | Acti9 iPRD |
| Product Or Component Type | Surge arrester with pluggable cartridge |
| Device Short Name | iPRD65r |
| Device Application | Distribution |
| Standards | EN 61643-11:2012 IEC 61643-11:2011 |
| Product Certifications | CE |
| Poles Description | 3P |
| Remote Signalling | With |
| Signal Contacts Composition | 1 SD (1 C/O) |
| Surge Arrester Type | Electrical distribution network |
| Earthing System | IT |

Complementary

| | |
|---|--|
| Surge Arrester Class Type | Type 2 |
| Surge Arrester Technology | MOV |
| [Ue] Rated Operational Voltage | 230/400 V AC (+/- 10 %) at 50/60 Hz |
| [In] Nominal Discharge Current | Common mode: 20 kA (L/PE) |
| [Imax] Maximum Discharge Current | Common mode: 65 kA L/PE |
| [Uc] Maximum Continuous Operating Voltage | Common mode: 460 V L/PE |
| Maximum [Up] Voltage Protection Level | Common mode <2.3 kV type 2 L/PE |
| [Ut] Temporary Overvoltage | 337 V L/N 5 s withstand 1455 V L/PE 200 ms safe failure mode 1455 V N/PE 200 ms safe failure mode |
| [Iscrr] Short-Circuit Current Rating | 5 kA 415 V Ph/Ph |
| Disconnecter Device Type | Associated circuit breaker iC60L 25 A curve C - Icu 25 kA Associated circuit breaker NG125H 50 A curve C - Icu 36 kA Associated circuit breaker NG125L 50 A curve C - Icu 50 kA Associated fuse gG 80 A - Icu 50 kA |
| Signalling Circuit Voltage | 0.25 A/250 V AC 50/60 Hz |
| Mounting Mode | Clip-on (DIN rail) |
| 9 Mm Pitches | 6 |
| Height | 85 mm |

| | |
|--------------------------------------|--|
| Width | 54 mm |
| Depth | 69 mm |
| Net Weight | 340 g |
| Colour | White (RAL 9003) |
| [Ipe] Ground Residual Current | 0.6 mA |
| Connections - Terminals | Tunnel type terminal (top or bottom) 2.5...25 mm ² rigid Tunnel type terminal (top or bottom) 4...16 mm ² flexible Tunnel type terminal (top or bottom) 4...16 mm ² flexible with ferrule |
| Wire Stripping Length | 14 mm |
| Tightening Torque | 3.5 N.m |

Environment

| | |
|--|-------------|
| Relative Humidity | 5...95 % |
| Operating Altitude | 2000 m |
| Ambient Air Temperature For Operation | -25...60 °C |
| Ambient Air Temperature For Storage | -40...85 °C |

Packing Units

| | |
|-------------------------------------|-----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 7 cm |
| Package 1 Width | 5.4 cm |
| Package 1 Length | 9 cm |
| Package 1 Weight | 375 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 4 |
| Package 2 Height | 8 cm |
| Package 2 Width | 10 cm |
| Package 2 Length | 27.5 cm |
| Package 2 Weight | 1.831 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 36 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |
| Package 3 Length | 40 cm |
| Package 3 Weight | 16.966 kg |

Sustainability

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Transparency RoHS/REACH

Well-being performance

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant with Exemptions

China Rohs Regulation [China RoHS declaration](#)
Product out of China RoHS scope. Substance declaration for your information

Environmental Disclosure [Product Environmental Profile](#)

Weee The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Circularity Profile [End of Life Information](#)

Product datasheet

Specifications



iPRD65r modular surge arrester - 1P + N - 350V - with remote transfert

A9L65501

Main

| | |
|-----------------------------|---|
| Range Of Product | Acti9 |
| Product Name | Acti9 iPRD |
| Product Or Component Type | Surge arrester with pluggable cartridge |
| Device Short Name | iPRD65r |
| Device Application | Distribution |
| Standards | EN 61643-11:2012 IEC 61643-11:2011 |
| Product Certifications | CE |
| Quality Labels | NF KEMA-KEUR |
| Poles Description | 1P + N |
| Remote Signalling | With |
| Signal Contacts Composition | 1 SD (1 C/O) |
| Surge Arrester Type | Electrical distribution network |
| Earthing System | TN-S TT |

Complementary

| | |
|---|---|
| Surge Arrester Class Type | Type 2 |
| Surge Arrester Technology | MOV + GDT |
| [Ue] Rated Operational Voltage | 230/400 V AC (+/- 10 %) at 50/60 Hz |
| [In] Nominal Discharge Current | Common mode: 20 kA (L/PE) Common mode: 20 kA (N/PE) Differential mode: 20 kA (L/N) |
| [Imax] Maximum Discharge Current | Common mode: 65 kA L/PE Common mode: 65 kA N/PE Differential mode: 65 kA L/N |
| [Uc] Maximum Continuous Operating Voltage | Common mode: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N |
| Maximum [Up] Voltage Protection Level | Common mode <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N |
| [Ut] Temporary Overvoltage | 337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand 1453 V L/PE 200 ms safe failure mode |

| | |
|--------------------------------------|---|
| Disconnecter Device Type | Associated circuit breaker IC60N 50 A curve C - Icu 10 kA Associated circuit breaker iC60H 50 A curve C - Icu 15 kA Associated circuit breaker NG125N 50 A curve C - Icu 25 kA Associated circuit breaker NG125H 50 A curve C - Icu 36 kA Associated circuit breaker NG125L 50 A curve C - Icu 50 kA Associated fuse gG 80 A - Icu 50 kA |
| Signalling Circuit Voltage | 0.25 A/250 V AC 50/60 Hz |
| Mounting Mode | Clip-on (DIN rail) |
| 9 Mm Pitches | 4 |
| Height | 85 mm |
| Width | 36 mm |
| Depth | 69 mm |
| Net Weight | 0.238 kg |
| Colour | White (RAL 9003) |
| [Ipe] Ground Residual Current | 0.003 mA 0.6 mA |
| Connections - Terminals | Tunnel type terminal (downside) 2.5...35 mm ² Tunnel type terminal (upside) 2.5...35 mm ² |
| Tightening Torque | 2.5 N.m |

Environment

| | |
|--|------------------------------|
| IK Degree Of Protection | IK03 conforming to IEC 62262 |
| Relative Humidity | 5...95 % |
| Operating Altitude | 2000 m |
| Ambient Air Temperature For Operation | -25...60 °C |
| Ambient Air Temperature For Storage | -40...85 °C |

Packing Units

| | |
|-------------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 4.2 cm |
| Package 1 Width | 7.2 cm |
| Package 1 Length | 9.2 cm |
| Package 1 Weight | 268 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 6 |
| Package 2 Height | 9 cm |
| Package 2 Width | 10 cm |
| Package 2 Length | 28 cm |
| Package 2 Weight | 1.679 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 54 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |

| | |
|------------------|-------|
| Package 3 Length | 40 cm |
|------------------|-------|

| | |
|------------------|-----------|
| Package 3 Weight | 15.685 kg |
|------------------|-----------|

Contractual warranty

| | |
|----------|-----------|
| Warranty | 12 months |
|----------|-----------|

Sustainability

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Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

China Rohs Regulation [China RoHS declaration](#)
Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

Product datasheet

Specifications



iPRD65r modular surge arrester - 3P + N - 350V - with remote transfert

A9L65601

Main

| | |
|-----------------------------|---|
| Range Of Product | Acti9 |
| Product Name | Acti9 iPRD |
| Product Or Component Type | Surge arrester with pluggable cartridge |
| Device Short Name | iPRD65r |
| Device Application | Distribution |
| Standards | EN 61643-11:2012 IEC 61643-11:2011 |
| Product Certifications | CE |
| Quality Labels | NF KEMA-KEUR |
| Poles Description | 3P + N |
| Remote Signalling | With |
| Signal Contacts Composition | 1 SD (1 C/O) |
| Surge Arrester Type | Electrical distribution network |
| Earthing System | TN-S TT |

Complementary

| | |
|---|---|
| Surge Arrester Class Type | Type 2 |
| Surge Arrester Technology | MOV + GDT |
| [Ue] Rated Operational Voltage | 230/400 V AC (+/- 10 %) at 50/60 Hz |
| [In] Nominal Discharge Current | Common mode: 20 kA (L/PE) Common mode: 20 kA (N/PE) Differential mode: 20 kA (L/N) |
| [Imax] Maximum Discharge Current | Common mode: 65 kA L/PE Common mode: 65 kA N/PE Differential mode: 65 kA L/N |
| [Uc] Maximum Continuous Operating Voltage | Common mode: 260 V N/PE Common mode: 350 V L/PE Differential mode: 350 V L/N |
| Maximum [Up] Voltage Protection Level | Common mode <1.5 kV type 2 N/PE Differential mode <1.5 kV type 2 L/N |
| [Ut] Temporary Overvoltage | 337 V L/N 5 s withstand 1200 V N/PE 200 ms safe failure mode 442 V L/PE 5 s withstand 1453 V L/PE 200 ms safe failure mode |

| | |
|--------------------------------------|---|
| Disconnecter Device Type | Associated circuit breaker IC60N 50 A curve C - Icu 10 kA Associated circuit breaker iC60H 50 A curve C - Icu 15 kA Associated circuit breaker NG125N 50 A curve C - Icu 25 kA Associated circuit breaker NG125H 50 A curve C - Icu 36 kA Associated circuit breaker NG125L 50 A curve C - Icu 50 kA Associated fuse gG 80 A - Icu 50 kA |
| Signalling Circuit Voltage | 0.25 A/250 V AC 50/60 Hz |
| Mounting Mode | Clip-on (DIN rail) |
| 9 Mm Pitches | 8 |
| Height | 85 mm |
| Width | 72 mm |
| Depth | 69 mm |
| Net Weight | 0.492 kg |
| Colour | White (RAL 9003) |
| [Ipe] Ground Residual Current | 0.003 mA 0.6 mA |
| Connections - Terminals | Tunnel type terminal (downside) 2.5...35 mm ² Tunnel type terminal (upside) 2.5...35 mm ² |
| Tightening Torque | 2.5 N.m |

Environment

| | |
|--|------------------------------|
| IK Degree Of Protection | IK03 conforming to IEC 62262 |
| Relative Humidity | 5...95 % |
| Operating Altitude | 2000 m |
| Ambient Air Temperature For Operation | -25...60 °C |
| Ambient Air Temperature For Storage | -40...85 °C |

Packing Units

| | |
|-------------------------------------|----------|
| Unit Type Of Package 1 | PCE |
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 8.0 cm |
| Package 1 Width | 8.0 cm |
| Package 1 Length | 9.0 cm |
| Package 1 Weight | 519.0 g |
| Unit Type Of Package 2 | BB1 |
| Number Of Units In Package 2 | 3 |
| Package 2 Height | 9 cm |
| Package 2 Width | 10 cm |
| Package 2 Length | 27 cm |
| Package 2 Weight | 1.623 kg |
| Unit Type Of Package 3 | S03 |
| Number Of Units In Package 3 | 27 |
| Package 3 Height | 30 cm |
| Package 3 Width | 30 cm |

Package 3 Length 40 cm

Package 3 Weight 15.123 kg

Contractual warranty

Warranty 12 months

Sustainability

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Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

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