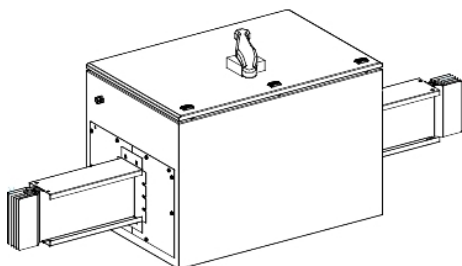


# KTA1250PL51

Line protection, Canalis KTA, aluminium,  
1250A, 3L+N+PE Reinforced (Al), ComPact  
NS1250N circuit breaker



## Main

|                                |                                                                                      |
|--------------------------------|--------------------------------------------------------------------------------------|
| Range                          | Canalis                                                                              |
| Product name                   | KT                                                                                   |
| Product or component type      | Protection components                                                                |
| Product compatibility          | Canalis KTA busbar trunking 1250 A[RETURN]<br>Compact NS1250N circuit-breaker 1250 A |
| Device application             | Protection                                                                           |
| Material                       | Aluminium                                                                            |
| [Ie] rated operational current | 1250 A at 35 °C                                                                      |
| Busbar trunking polarity       | 3L + N + PE                                                                          |
| Neutral position               | Right                                                                                |
| PE conductor                   | Reinforced                                                                           |
| Icw short-circuit version      | Standard version                                                                     |
| Busbar position                | Edgewise<br>Flat                                                                     |
| Provided equipment             | Circuit-breaker<br>Handle<br>Enclosure                                               |
| Circuit breaker control type   | Rotary handle                                                                        |
| Breaking capacity code         | N                                                                                    |
| Colour                         | White (RAL 9001)                                                                     |

## Complementary

|                                          |                            |
|------------------------------------------|----------------------------|
| [Ue] rated operational voltage           | 1000 V                     |
| Network type                             | AC                         |
| Network frequency                        | 50/60 Hz                   |
| [Ui] rated insulation voltage            | 1000 V                     |
| Dimension type                           | Fix                        |
| Length                                   | 2000 mm                    |
| Width                                    | 140 mm                     |
| Height                                   | 124 mm                     |
| Linear load                              | 18 kg/m                    |
| Cubicle length                           | 900 mm                     |
| Cubicle width                            | 600 mm                     |
| Cubicle height                           | 608 mm                     |
| [Icw] rated short-time withstand current | 50 kA - 1 s                |
| [Ipk] rated peak withstand current       | 110 kA                     |
| Thermal stress limit                     | 2500000 kA².s              |
| Standards                                | IEC 61439-6<br>IEC 61439-1 |

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

## Environment

|                         |                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| IP degree of protection | IP55 conforming to IEC 60529                                                                                                        |
| IK degree of protection | IK08 conforming to IEC 62262                                                                                                        |
| Derating factor         | 0...35 °C (100 % of In)<br>35...40 °C (97 % of In)<br>40...45 °C (93 % of In)<br>45...50 °C (90 % of In)<br>50...55 °C (86 % of In) |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 60.0 cm  |
| Package 1 Width              | 69.0 cm  |
| Package 1 Length             | 200.0 cm |
| Package 1 Weight             | 142.0 kg |