

# Product datasheet

Specifications



## Switch disconnecter, PowerPacT 4, 4 poles, 160A

PP41604NAX

EAN Code : 5018934030760

### Main

|                                           |                                                             |
|-------------------------------------------|-------------------------------------------------------------|
| Range                                     | PowerPact                                                   |
| Product or component type                 | Switch disconnecter                                         |
| Device application                        | Isolation                                                   |
| Poles description                         | 4P                                                          |
| [In] rated current                        | 160 A                                                       |
| [Ue] rated operational voltage            | 415 V AC 50/60 Hz                                           |
| Suitability for isolation                 | Yes conforming to BS EN 60947-3                             |
| Utilisation category                      | AC-22A<br>AC-23A<br>DC-22A<br>DC-23A                        |
| Contact position indicator                | Yes                                                         |
| [Icw] rated short-time withstand current  | 2500 A during 1 s<br>2500 A during 3 s<br>960 A during 20 s |
| [Icm] rated short-circuit making capacity | 3.6 kA peak                                                 |
| Control type                              | Toggle                                                      |
| [Ui] rated insulation voltage             | 800 V AC 50/60 Hz                                           |
| [Uimp] rated impulse withstand voltage    | 8 kV                                                        |

### Complementary

|                          |                                                  |
|--------------------------|--------------------------------------------------|
| Product destination      | 250 A panelboard<br>400/630 A panelboard         |
| Breaking capacity code   | NA                                               |
| Earth-leakage protection | Without                                          |
| Mounting support         | Backplate                                        |
| Mechanical durability    | 40000 cycles                                     |
| Electrical durability    | 30000 cycles 440 V In/2<br>15000 cycles 440 V In |
| Width (W)                | 140 mm                                           |
| Height (H)               | 161 mm                                           |
| Depth (D)                | 86 mm                                            |

|            |        |
|------------|--------|
| Net weight | 2.2 kg |
|------------|--------|

Environment

|                                       |                                 |
|---------------------------------------|---------------------------------|
| Standards                             | BS EN 60947-3                   |
| IP degree of protection               | IP40 conforming to EN/IEC 60529 |
| IK degree of protection               | IK07 conforming to EN/IEC 62262 |
| Electrical shock protection class     | Class II                        |
| Pollution degree                      | 3 conforming to EN/IEC 60664-1  |
| Ambient air temperature for operation | -25...70 °C                     |
| Ambient air temperature for storage   | -50...85 °C                     |

Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 16.5 cm  |
| Package 1 Width              | 25 cm    |
| Package 1 Length             | 37.5 cm  |
| Package 1 Weight             | 4.87 kg  |
| Unit Type of Package 2       | PAL      |
| Number of Units in Package 2 | 60       |
| Package 2 Height             | 112 cm   |
| Package 2 Width              | 112 cm   |
| Package 2 Length             | 120 cm   |
| Package 2 Weight             | 312.2 kg |

Contractual warranty

|          |           |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Recommended replacement(s)