

Over current switch, 2A, 2p, B-Char, AC

Part no. PXL-B2/2 Article no. 236203



Delivery program

| Basic function | | | Miniature circuit breakers |
|--|----|----|--|
| Number of poles | | | 2 pole |
| Tripping characteristic | | | В |
| Application | | | Switchgear for residential and commercial applications |
| Rated current | In | Α | 2 |
| Rated switching capacity according to IEC/EN 60898-1 | | kA | 10 |
| Product range | | | PXL |

Design verification as per IEC/EN 61439

| Technical data for design verification Ratind operational current for specified heat dissipation Rotal displaction, current-dependent Pail W 0 Static heat dissipation, current-dependent Pail W 2 Static heat dissipation, current-dependent Pail W 0 Static heat dissipation, current-dependent Pail W 0 Operating ambient temperature min. Operating ambient temperature max. "C 25 Operating ambient temperature max. "C 25 Poperating ambient temperature max. "C 75 T5 Initiates, per =1 °C, results in a 8.5% reduction of current certying capacity EEC, EN 61430 design verification 10.22 Strength of materials and parts 10.22 Corresion resistance 10.23 Verification of resistance of insulating materials to normal heat and fire due to internal electric effects 10.24 Position or resistance of insulating materials to abnormal heat and fire due to internal electric effects 10.25 Litting 10.26 Mechanical impact 10.27 Internal alectric effects 10.27 Internal alectric effects 10.28 Area and creepage distances 10.29 Internal electric effects 10.29 Internal electric above the components 10.39 Invalidation properties 10.39 Invalidation properties 10.39 Invalidation properties 10.39 Invalidation properties 10.30 Internal electric al circuits and connections 10.30 Internal electric al circuits and connections 10.31 Internal electric al circuits and connections 10.32 Every expensibility 10.33 Invalidation properties 10.34 Prover-frequency electric strength 10.35 Invalidation properties 10.36 Prover-frequency electric strength 10.37 Internal electrical circuits and connections 10.38 Every expensibility 10.39 Invalidation properties 10.31 Internal electric electric strength 10.32 Every expensibility 10.34 Every expensibility 10.35 Invalidation properties 10.36 Prover-frequency electric strength 10.37 Internal electric expensibility 10.38 Invalidation properties 10.39 Invalidation properties 10.31 Internal electric expensibility 10.40 Internal electric expensibility 10.50 Internal electri | - · | | | |
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| Host dissipation per pole, current-dependent Ped W 2.8 Static hard dissipation, current-dependent Ped W 2.8 Static hard dissipation, current-dependent Ped W 0.5 Static hard dissipation, courrent-dependent Ped W 0.5 Static hard dissipation, courrent-dependent Ped W 0.5 Heat dissipation capacity Ped W 0.5 Departaing ambient temperature min. Ped V 0.25 Operating ambient temperature max. Ped V 0.5 Departaing ambient temperature max. Ped V 0.5 Description of materials and parts Dio 2.5 Erength of materials and parts Dio 2 | Technical data for design verification | | | |
| Equipment heart dissipation, current-dependent Pad W 2.8 Static heart dissipation, non-current-dependent Pad W 0 Hoat dissipation, non-current-dependent Pad W 0 Operating ambient temperature min. C 2 Operating ambient temperature max. | Rated operational current for specified heat dissipation | In | Α | 2 |
| Static heat dissipation, non-current-dependent Heat dissipation capacity Operating ambient temperature min. Operating ambient temperature max. **C | Heat dissipation per pole, current-dependent | P_{vid} | W | 0 |
| Heat dissipation capacity Operating ambient temperature min. Operating ambient temperature max. ***C****C**** - 2-5*** **C****C**** - 75*** **Incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results in a 0.5% reduction of current carrying capacity (incear, por +1 **C, results i | Equipment heat dissipation, current-dependent | P _{vid} | W | 2.8 |
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| CC 75 | Heat dissipation capacity | P _{diss} | W | 0 |
| linear, per +1 °C, results in a 0.5% reduction of current carrying capacity ECEN 61439 design verification | Operating ambient temperature min. | | °C | -25 |
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| | 10.12 Electromagnetic compatibility | | | Is the panel builder's responsibility. The specifications for the switch gear must observed. $\label{eq:constraint}$ |
| | 10.13 Mechanical function | | | |

Technical data ETIM 6.0

| Circuit breakers and fuses (EG000020) / Miniature circuit breaker (MCB) (EC000042) | | | | | | |
|---|--|----|---------|--|--|--|
| Electric engineering, automation, process control engineering / Electrical installation, device / Miniature circuit breaker system (MCB) / Miniature circuit breaker (MCB) (ecl@ss8.1-27-14-19-[AAB905011]) | | | | | | |
| Release characteristic | | | В | | | |
| Number of poles (total) | | | 2 | | | |
| Number of protected poles | | | 2 | | | |
| Nominal rated current | | Α | 2 | | | |
| Nominal rated voltage | | V | 400 | | | |
| Rated short-circuit breaking capacity Icn EN 60898 at 230 V | | kA | 10 | | | |
| Rated short-circuit breaking capacity Icn EN 60898 at 400 V | | kA | 10 | | | |
| Rated short-circuit breaking capacity Icu IEC 60947-2 at 230 V | | kA | 0 | | | |
| Rated short-circuit breaking capacity Icu IEC 60947-2 at 400 V | | kA | 0 | | | |
| Voltage type | | | AC | | | |
| Current limiting class | | | 3 | | | |
| Frequency | | Hz | 50 - 60 | | | |
| Concurrently switching N-neutral | | | No | | | |
| Suitable for flush-mounted installation | | | No | | | |
| Over voltage category | | | 3 | | | |
| Pollution degree | | | 2 | | | |
| Width in number of modular spacings | | | 2 | | | |
| Built-in depth | | mm | 70.5 | | | |
| Additional equipment possible | | | Yes | | | |

IP20

Degree of protection (IP)