

87P22051

DC LOAD BREAK SWITCH INOSYS LBS MANUEL UL 2x500A 2+2P 1500VDC F3

Strong points

- High-performance power switching in a compact frame
- Safe & reliable operation
- Designed for harsh environments.
- Easy to install.
- Modular solution for flexible configuration

General characteristics

- Range 100 A to 1200 A.
- Up to 1500 VDC.
- High-performance switching with a compact design.
- Easy integration.
- Reinforced safety with visible breaking indication.
- High efficiency with low power loss.

Compliance with standards

- IEC 60947-3
- DC-21B & DC-PV2
- UL 98B
- CCC

Link to the reference

<https://apac.socomec.com/en/reference/87P22051>

INOSYS LBS is a range of load break switches that are available with manual controls. They may be operated manually using the handle to disconnect all or part of an electrical installation. They allow on-load opening and closing and safe disconnection of all direct current low voltage electrical circuits up to 1500 VDC and can be used for emergency disconnection applications. They are available for the DC-PV2 use category.

----- System -----

| | |
|-----------------------------|----|
| Fill rate E-Order Common | 17 |
| Fill rate E-Order Selection | 78 |

Classification

| | |
|------------|----------|
| UNSPSC | 39122233 |
| ETIM Class | EC000216 |
| IGCC | 5290 |

Commerce

| | |
|-----------------------|----------------------|
| Effective date | 2019-01-11 |
| Country of origin | TN |
| Discount Policy | 1CD40 |
| Discount Policy Label | INOSYS LBS PV MANUAL |

ETIM - Electrical characteristics

| | |
|--|-----------|
| Max. rated operation voltage Ue AC [V] | 1500 |
| Rated operating voltage [V] | 600..1500 |
| Rated permanent current Iu [A] | 500 |
| Number of poles | 4 |

ETIM - Mechanical characteristics

| | |
|--|-------|
| Suitable for floor mounting | No |
| Suitable for front mounting 4-hole | Yes |
| Suitable for front mounting centre | No |
| Suitable for distribution board installation | Yes |
| Suitable for intermediate mounting | Yes |
| Colour control element | Other |
| Degree of protection (IP), front side | IP20 |

ETIM - Technical features

| | |
|---|--|
| Version as main switch | Yes |
| Version as maintenance-/service switch | Yes |
| Version as safety switch | Yes |
| Version as emergency stop installation | Yes |
| Version as reversing switch | No |
| Number of switches | 1 |
| Motor drive optional | No |
| Motor drive integrated | No |
| Voltage release optional | No |
| Device construction | Built-in device fixed built-in technique |
| Type of control element | Other |
| Interlockable | Yes |
| Type of electrical connection of main circuit | Bolt connection |

Logistics

| | |
|----------------------------------|------------------------------|
| GTIN/EAN | 3596033084386 |
| Customs number | 8535301090 |
| Price unit | PC |
| Weight of the packing unit | 3.6 |
| Norms | |
| Conformity to standards | CCC IEC UL |
| Technical Characteristics | |
| Control operator | Direct : E3 / External : S2L |
| Number of poles | 2+2 |
| Rated voltage | 1500 |
| Rated current | 500 (x2) |
| Type | Frontal or lateral operation |
| Frame size | F3 |