

87P02001

DC LOAD BREAK SWITCH INOSYS LBS MANUEL UL 10A 2P 1000VDC F2

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

High switching capacity of 750 VDC per pole with optimum arc containment and significant power loss reduction
Configurable mechanism (centered or left aligned) to accommodate installation requirements
Easy auxiliary contacts' integration without the need of any tools
Used of high temperature withstand materials, No derating up to 131° F / 55° C

Compliance with standards

UL 98B Guide WHVA File E346418
IEC 60947-3

Link to the reference

<https://www.socomec.us/en-us/reference/87P02001>

INOSYS LBS are multi-polar disconnect switches operated manually using the handle to disconnect DC/PV/ESS circuits safely. They make and break under load conditions, provide safety isolation for low voltage circuits up to 1500 VDC, and are suitable for emergency switching.

----- System -----

Fill rate E-Order Common	83
Fill rate E-Order Selection	78

Standards

Conformity to standards	IEC UL
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Technical Characteristics

Control operator	Direct : E2 / External : S2
Number of poles	2
Rated voltage	1000
Rated current [A]	10
Type	Frontal or lateral operation
Frame size	F2

ETIM - Electrical characteristics

Max. rated operation voltage Ue AC [V]	1000
Rated operating voltage [V]	600..1000
Rated permanent current Iu [A]	10
Number of poles	2

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	3596032989026
Customs number	8535301090
Price unit	PC

Weight of the packing unit	2.48
Length of the packing unit	0.17
Width of the packing unit	0.2
Depth of the packing unit	0.4
Product Details	
Effective date	2016-11-22
Country of origin	TN
Discount Policy	1CD40
Discount Policy Label	INOSYS LBS PV MANUAL
Length of the product unit	0.154
Width of the product unit	0.117
Depth of the product unit	0.11
Weight	2.48
Classification	
UNSPSC	39122233
ETIM Class	EC000216
IGCC	5290