



# B7NFD80A - B7NFD Series - Aluminum Feed-Thru Compact Non-Fused Disconnect Switch Enclosure with ABB Switch - 80A/3P/600VAC/50HP Max

By Killark  
Catalog # [B7NFD80A](#)

B7NFD Series - Aluminum Feed-Thru Compact Non-Fused Disconnect Switch Enclosure with ABB Switch - 80A/3P/600VAC/50HP Max.



\*Representative Image

## Features

- Compact size enclosures provide application flexibility with cost savings over industry standard sizes.
- Few cover bolts reduces installation and maintenance time.
- Gasketed flange with O-ring located inside bolt circle to seal out moisture.
- Rotary handle style operating mechanism with lockout provision as standard.
- Removable ductile mounting lugs adjust to irregular mounting surfaces.
- Bodies have top and bottom drilled and taped conduit entrances for power connections, with custom openings available.
- ABB UL98 certified switch supplied for 600VAC, 30, 60 & 100 Amp unit available.
- ABB UL508 certified switch supplied for 600VAC, 16, 32, 40, 63 & 80 Amp unit available.
- Enclosures - Copper-free cast aluminum (less than 4/10 of 1% copper content).
- Cover bolts 316 Stainless Steel
- Silicone O-ring gasket.
- Gray powder polyester painted exterior, electrostatically applied.

## General

Action	3P
Actuator	Rotary Handle
EU RoHS Indicator	Contact Manufacturer
Enclosure Type	Bolted
Material	Aluminum, Copper Free (less than 4/10 of 1%)
Mounting Type	Wall
Number Of Poles	3
Operating Temperature Celcius Max	40 Degree
Series	B7NFD
Type	<ul style="list-style-type: none"> <li>• Non-Fused Disconnect</li> <li>• Non-Fused Disconnect</li> </ul>
UPC	783936151700

## Electrical Ratings

Frequency Rating	60 Hz
Primary Voltage	600 VAC

## Conductor Related

Number Of Wires	4
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## Certifications and Compliance

CSA File Number	LR11714
Hazardous Rating(s)	<ul style="list-style-type: none"> <li>• Class I, Divisions 1 &amp; 2, Groups B, C, D</li> <li>• Class I, Zones 1 &amp; 2, Groups IIB+H2, IIA</li> <li>• Class II, Divisions 1 &amp; 2, Groups E, F, G</li> <li>• Class III, Divisions 1 &amp; 2</li> </ul>
Nema Rating	3, 4, 4X, 7(B, C, D), 9(E, F, G)

## Product Assets

- [3D Models - B7NFD2 3D Model \(STP\)](#)
- [Catalogs - Killark Catalog](#)
- [Certifications - B7MS, B7MSN, & B7NFD Series CSA Certification](#)
- [Customer Notices - Prop 65 Notice](#)
- [Engineering Drawing - B7NFD2 Engineering Drawing \(DWG\)](#)
- [Installation Manuals - B7NFD1-2 IOM K1328](#)
- [Installation Manuals - B7NFD Series IOM K1327](#)
- [Sales Drawings - B7NFD2 Sales Drawing \(PDF\)](#)



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