

GENERAL

PRODUCT COVERED:

Type VBII enclosed switch components for OEM assembly.

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GENERAL CONSTRUCTION:

This product shall comply with the Standard of Underwriters Laboratories Inc. for Enclosed Switches, UL 98, and with the applicable description, if any, given elsewhere in this Procedure.

HORSEPOWER RATINGS:

30 AMP HORSEPOWER RATINGS

Catalog Number	Vac	Amps	240 Vac 1 PH	240 Vac 3 PH	480 Vac 1 PH	480 Vac 3 PH	600 Vac 1 PH	600 Vac 3 PH	125 Vdc	250 Vdc	600 Vdc
VBFS221 VBFS221F May have suffix N	240	30	3	7 1/2					2	5	
VBFS321 VBFS321F May have suffix N	240	30	3	7 1/2					2	5	
VBNFS321 VBNFS321F May have suffix N	240	30	3	10					2	5	
VBNFS221 VBNFS221F May have suffix N	240	30	3	7 1/2					2	5	
VBFS261 VBFS261F May have suffix N	600	30	3		7 1/2		10		2	5	15
VBFS361 VBFS361F May have suffix N	600	30	3	7 1/2	7 1/2	15	10	20	2	5	(15**)
VBNFS261 VBNFS261F May have suffix N	600	30	3		7 1/2		10		2	5	15
VBNFS361 VBNFS361F May have suffix N	600	30	3	10	10	20	15	30	2	5	(15**)

** - 600 VDC rating shown in () applies when wired with jumper wire per illustration 2A.

HORSEPOWER RATINGS (Continued):

60 AMP HORSEPOWER RATINGS

Catalog Number	Vac	Amps	240 Vac 1 PH	240 Vac 3 PH	480 Vac 1 PH	480 Vac 3 PH	600 Vac 1 PH	600 Vac 3 PH	125 Vdc	250 Vdc	600 Vdc
VBFS222 VBFS222F May have suffix N	240	60	10	15					5	10	
VBFS322 VBFS322F May have suffix N	240	60	10	20					5	10	
VBFS262 VBFS262F May have suffix N	600	60			20		25			10	30
VBFS322 VBFS322F May have suffix N	240	60	10	15					5	10	
VBFS362 VBFS362F May have suffix N	600	60	10	15	20	30	25	50	5	10	25(30**)
VBFS262 VBFS262F May have suffix N	600	60			20		25			10	30
VBFS362 VBFS362F May have suffix N	600	60	10	20	25	50	30	60	5	10	25(30**)

** - 600 VDC rating shown in () applies when wired with jumper wire per illustration 2A.

HORSEPOWER RATINGS (Continued):

100 AMP HORSEPOWER RATINGS

Catalog Number	Vac	Amps	240 Vac 1 PH	240 Vac 3 PH	480 Vac 1 PH	480 Vac 3 PH	600 Vac 1 PH	600 Vac 3 PH	250 Vdc	600 Vdc
VBNFS323 VBNFS323F May have suffix N	240	100	15	40					20	
VBFS223 VBFS223F May have suffix N	240	100	15	30					20	
VBFS263 VBFS263F May have suffix N	600	100			30		40		20	50
VBFS323 VBFS323F May have suffix N	240	100	15	30					20	
VBFS363 VBFS363F May have suffix N	600	100	15	30	30	60	40	75	20	25 (50**)
VBNFS263 VBNFS263F May have suffix N	600	100			30		40		20	50
VBNFS363 VBNFS363F May have suffix N	600	100	20	40	40	75	50	100	20	25 (50**)

** - 600 VDC rating shown in () applies when wired with jumper wire per illustration 2A.

HORSEPOWER RATINGS (Continued):**200 AMP HORSEPOWER RATINGS**

Catalog Number	Va c	Amps	240 Vac 1 PH	240 Vac 3 PH	480 Vac 1 PH	480 Vac 3 PH	600 Vac 1 PH	600 Vac 3 PH	250 Vdc	600 Vdc
VBNFS324 VBNFS324F May have suffix N	240	200	15	60					40	
VBFS224 VBFS224F May have suffix N	240	200	15	60					40	
VBFS324 VBFS324F May have suffix N	240	200	15	60					40	
VBFS364 VBFS364F May have suffix N	600	200	15	60	50	125	50	150	40	50
VBNFS364 VBNFS364F May have suffix N	600	200	15	60	50	125	50	150	40	50

HORSEPOWER RATINGS (Continued):**400 AMP HORSEPOWER RATINGS**

Cat. No.	Volts	Amps	240 Vac 1 Phase	240 Vac 3 Phase	480 Vac 1 Phase	480 Vac 3 Phase	600 Vac 1 Phase	600 Vac 3 Phase	125 Vdc	250 Vdc	600 Vdc
VBFS365 May have suffix N	600	400	50	125	50	250	50	350		50	
VBNFS365 May have suffix N	600	400	50	125	50	250	50	350		50	

600 AMP HORSEPOWER RATINGS

Cat. No.	Volts	Amps	240 Vac 1 Phase	240 Vac 3 Phase	480 Vac 1 Phase	480 Vac 3 Phase	600 Vac 1 Phase	600 Vac 3 Phase	125 Vdc	250 Vdc	600 Vdc
VBFS366 May have suffix N	600	600	50	200	50	400	50	500		50	
VBNFS366 May have suffix N	600	600	50	200	50	400	50	500		50	

MINIMUM ENCLOSURE SIZES:

AMPERAGE	DESCRIPTION	LENGTH	WIDTH	DEPTH	VOLUME
30	FUSIBLE	14.25	7.00	6.94	692.27
30	NON-FUSIBLE	11.78	7.00	6.94	572.27
60	FUSIBLE	16.30	9.05	6.94	1023.75
60	NON-FUSIBLE	16.30	9.05	6.94	1023.75
100	FUSIBLE	22.00	9.53	6.94	1455.04
100	NON-FUSIBLE	22.00	9.53	6.94	1455.04
200	FUSIBLE	30.00	14.50	7.70	3349.50
200	NON-FUSIBLE	30.00	14.50	7.70	3349.50
400	FUSIBLE	56.00	24.50	8.25	11319.00
400	NON-FUSIBLE	44.00	24.50	8.25	8893.50
600	FUSIBLE	56.00	24.50	8.25	11319.00
600	NON-FUSIBLE	44.00	24.50	8.25	8893.50

ENVIRONMENTAL RATINGS:

Flange mounted disconnect switch components are rated for use in Type 1, 3, 3R, and 12 environments when used in an enclosure rated for these conditions. See Conditions of Acceptability.

Panel mounted disconnect switch components are rated for use in Type 1, 3, 3R, 12, and 4X environments when used **with the appropriate handle kit** in an enclosure rated for these conditions. See Conditions of Acceptability.

***TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):**

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability -

1. These devices should be mounted in equipment which provides a suitable overall enclosure.
2. These switch units have been tested with the units mounted on a vertical flat surface with the line side of the switch positioned at the top. Suitability of these units in all other positions shall be determined.
3. The voltage and horsepower ratings specified in table of catalog numbers may be assigned to the switch unit when it is installed in an enclosure or compartment if the minimum enclosure size is met. These dimensions are for heating considerations only.
4. The suitability of any other operating handle linkage provided beyond the switch unit handle shall be determined. Consideration should be given to performing a no-load Endurance Test.
5. The following tests have been conducted in accordance with the Standard for:

- a) Mechanical Endurance
- b) Rain
- c) Atomized Water
- d) Accelerated Aging of Gaskets
- e) Hosedown

CONSTRUCTION DETAILS:

The product shall be constructed in accordance with the following description:

CORROSION PROTECTION

All steel parts will be plated, preplated galvanized, stainless steel or painted.

MARKING: