

Appendix 1

Product Description and/or Approval Condition

Certificate No : HMB18885-EL002

Date of Issue : 16th April, 2014.

Product Description :

- Model : COMPACT NSX 100A-250A type B, F, N, H, S, L, R, HB1, HB2

1) Common characteristics :

- Insulation voltage(V) : Ui 800
- Impulse withstand voltage(kV) : Uimp 8
- Operational voltage(V) : Ue 690 (AC 50/60Hz)
- Rated current and breaking capacity

Model	Rated current (A)	Type	Breaking capacity Icu (kA rms)						Service breaking capacity Ics (kA rms)					
			240V	415V	440V	500V	525V	690V	240V	415V	440V	500V	525V	690V
NSX100	100	B	40	25	20	15	-	-	40	25	20	7.5	-	-
		F	85	36	35	25	22	8	85	36	35	12.5	11	4
		N	90	50	50	36	35	10	90	50	50	36	35	10
		H	100	70	65	50	35	10	100	70	65	50	35	10
		S	120	100	90	65	40	15	120	100	90	65	40	15
		L	150	150	130	70	50	20	150	150	130	70	50	20
		R	200	200	200	80	65	45	200	200	200	80	65	45
		HB1 HB2	- -	- -	- -	85 100	80 100	75 100	- -	- -	- -	85 100	80 100	75 100
NSX160	160	B	40	25	20	15	-	-	40	25	20	15	-	-
		F	85	36	35	25	22	8	85	36	35	25	22	8
		N	90	50	50	36	35	10	90	50	50	36	35	10
		H	100	70	65	50	35	10	100	70	65	50	35	10
		S	120	100	90	65	40	15	120	100	90	65	40	15
		L	150	150	130	70	50	20	150	150	130	70	50	20
NSX250	250	B	40	25	20	15	-	-	40	25	20	15	-	-
		F	85	36	35	25	22	8	85	36	35	25	22	8
		N	90	50	50	36	35	10	90	50	50	36	35	10
		H	100	70	65	50	35	10	100	70	65	50	35	10
		S	120	100	90	65	40	15	120	100	90	65	40	15
		L	150	150	130	70	50	20	150	150	130	70	50	20
		R	200	200	200	80	65	45	200	200	200	80	65	45
		HB1 HB2	- -	- -	- -	85 100	80 100	75 100	- -	- -	- -	85 100	80 100	75 100

Approved document :

- Datasheet : CERTIFICATION FILE COMPACT NSX 100-160-250 rev.00

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