

Disconnecter Switch NH

Features



The disconnecter loaded switch owns its mechanism end electrical contacts designed for a line interruption with or without an electrical current circulation. This kind of switch is equipped with a “preventing chamber of voltaic arc”. It is a device of load opening. It is a simple device that is only applied to low capacity motors. The electrical arc that happens in the closing moment causes the wear in its contacts.

These switches do not enable the automatic dismissal for overload. Associated to fuses it offers protection against shortings but it does not enable a distant command.

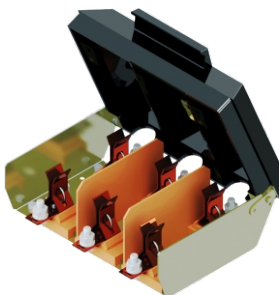
The unladen disconnecter switch was projected to operate unladen, which means without circulation of an electrical current in its contacts. In this case the switching time of the contacts depends on the speed that the operator uses at the time of the maneuver.

The seccionadora switch is a maneuver mechanical device that in the opened position ensures a distance of isolation that satisfies especific security requests. A disconnecter switch must be able to close or open a circuit when the stabilished or interrupted current is negligible or when it is not verified a significant variation in the tension between the terminals of each of its poles.

It is also capable of conducting current in normal conditions of the circuit and still conduct currents in unusual conditions of circuit for an specific time.



Description



REF.	TYPE	DISCONNECTOR NH00	AMP.	MODEL
333	NH00	DISCONNECTOR SWITCH NH00 (6S)	160 A	UNLADEN
334	NH00	DISCONNECTOR SWITCH NH00 (3S + 3T)	160 A	UNLADEN
335	NH00	DISCONNECTOR SWITCH NH00 (6T)	160 A	UNLADEN
340	NH00	DISCONNECTOR SWITCH NH00 (6S)	160 A	WITH LOAD
341	NH00	DISCONNECTOR SWITCH NH00 (3P + 3T)	160 A	WITH LOAD
342	NH00	DISCONNECTOR SWITCH NH00 (6T)	160 A	WITH LOAD

REF.	TYPE	DISCONNECTOR NH01	AMP.	MODEL
350	NH01	DISCONNECTOR SWITCH NH01 (6S)	250 A	UNLADEN
355	NH01	DISCONNECTOR SWITCH NH01 (6S)	250 A	WITH LOAD

REF.	TYPE	DISCONNECTOR NH00 - HR	AMP.	MODEL
160	NH00 HR	DISCONNECTOR SWITCH NH00 HR17B (6S)	160 A	UNLADEN

REF.	TYPE	DISCONNECTOR NH01 - HR	AMP.	MODEL
250	NH01 HR	DISCONNECTOR SWITCH NH01 HR17B (6S)	250 A	WITH LOAD

S - SCREW
T - TERMINAL



Technical Specifications

TYPE/ REF.	NH-00	NH-01	COTAS	NH-00	NH-01
PERMANENT CURRENT $I_u \geq I_{th}$	125	250	A	145	270
USAGE CATEGORY AC-21 - 500V AC-22 - 500V AC-23 - 380V AC-23 - 500V	NOMINAL CURRENT (A)		B	170	205
	125	250	C	97	124
	125	250	D	68	85
	125	250	E	97	160
	80	200	H	22	-
INTERRUPTION CURRENT I_o 500V	650	1600	OG	6,5	11
CONDUCTOR SECTION mm ²	70	150	AC MÁX.	150°	120°

CA	AC-21	SWITCHING PERFORMANCE OF RESISTIVE LOAD INCLUDING MODERATED OVERLOADS
	AC-22	SWITCHING PERFORMANCE OF INDUCTIVE AND MIXED LOADS INCLUDING MODERATED OVERLOADS
	AC-23	SWITCHING PERFORMANCE OF MOTOR LOADS OR OTHER LOADS HIGHLY INDUCTIVES

