



Creative solutions for connecting, switching, selecting and controlling industrial processes.

NH TES/690V DISCONNECTOR - UNDER LOAD

TES/690VAC LINE

Benefits:

- High operational safety.
- Reduced dimensions.
- Great Cost x Benefit.
- Ease of installation.

For power distribution applications up to 690Vac and currents between 160A and 630A. THS TES disconnectors operate in conjunction with NH 000, 00, 1, 2, 3 fuses installed by quick coupling on the disconnector.

The TES disconnector operating at higher voltages provides lower transmission losses and lower cabling costs, thus limiting the risk of possible system failures.

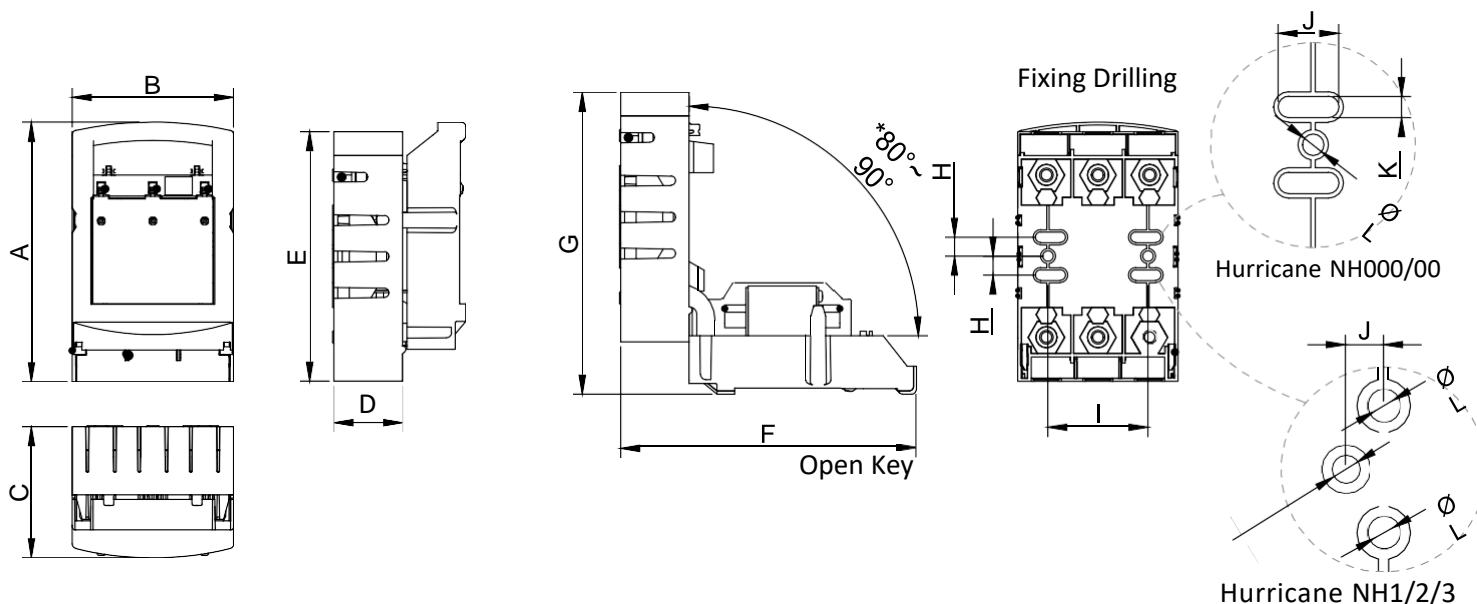
With a modern design and engineering materials, they provide excellent technical performance in a wide range of applications.

We also have the NH00/000 and 1 line for voltages of 800Vac.

CURRENT: 160 to 630A



See also our 800V line



Model	A	B	C	D	E	F	G	H	I	J	K	L
TES-NH00/000	171	106	87	45	165	200	202	12,5	66	20	7	7
TES-NH1 e NH2	288	210	139	81	250	355	310	25	130	15	11	13
TES-NH3	330	250	153	87	312	350	312	25	150	-	-	9

* Opening angle NH3 - 50°



SECURITY | TECHNOLOGY | EXPERIENCE | QUALITY

According to IEC 60947-3				Nominal chain			
				TES690-00	TES690-01	TES690-2	TES690-03
Current in steady state Iu		A	160	250	400	630	
Nominal Voltage Ue		V	690				
Nominal Insulation Voltage Ui		V	800				
Nominal Withstand Impulse Voltage Ulimp		Kv	6				
Nominal Thermal Current		A	160	250	400	630	
Frequency			50/60				
Load Operation Capability	AC-21B	220V	A	160	250	400	630
		690V	A	160	250	400	630
	AC-22B	220V	A	160	250	400	630
		690V	A	160	250	400	630
Minimum maneuvering speed		m/s	2,2		3,1		
Conditional Short Circuit Current with NH Fuse		kA	100	100	100	100	
Mechanical Durability (Maneuvers)		und	2000		1000		
Working Environment Temperature		°C	-25°C a + 55°C				
Maximum Loss with Certified NH Fuse		W	12	23	34	48	
Recommended Protection Fuse - type gG/gL - 500V/690V		A	NH00/000 até 160	NH00/000 até 250	NH00/000 até 400	NH00/000 até 630	
Degree of Protection		IP	IP20				
Load Operation Capability	Largest Cable with Terminal	mm ²	até 70mm ²	até 185mm ²	até 300mm ²	até 400mm ²	
			(1/2" a 3/4")		1" a 1.3/8"	(1" a 1.3/8")	
			x		x	x	
	Bars (L X e)	mm	(1/8" a 3/16")	1"x(1/8" a 5/16")	(3/16" a 3/8")	(3/16" a 1/2")	
	Terminal Screws	mm	M8	M10	M10	M12	
	Torques on Screws	Nm	15	25	25	30	

NHTES Disconnecter Switch - Under Load



Other THS Products

DPS Line 175 and 275



Rotary Line and Overlay Wrenches



TCF Line and Buttons



Disconnecter Line 10A to 1600A



Transfer Disconnecter Line 10A to 1600A



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