multiind Technical details

DEVICE TYPE	multiind 5.5		multiind 7.0		multiind 8.0		multiind 12.5		multiind 14.0	
	light p = 5.5 %	basic p = 5.5 %	light p = 7 %	basic p = 7 %	light p = 8 %	basic p = 8 %	light p = 12.5 %	basic p = 12.5 %	light p = 14 %	basic p = 14 %
Rated voltage | Frequency	U_n = 400 V | 50 Hz				U_n = 400 V | 50 Hz					
Maximum permissible operating voltage	U_n = 400 V ± 10 %				U_n = 400 V ± 10 %					
Power	2,5 – 75 kvar				2,5 – 75 kvar		2,5 – 50 kvar			
Inductivity stability | Inductivity tolerance	L (I_{Lin}) ≥ 0,95 L_N | ± 3 %				L (I_{Lin}) ≥ 0,95 L_N | ± 3 %					
Overtemperature protection	Break contact at 125 °C (250 V – 50 Hz – 2.5 A), with aluminum winding 145 °C				Break contact at 125 °C (250 V – 50 Hz – 2.5 A), with aluminum winding 145 °C					
Mode of protection	IP 00				IP 00					
Protection class	I				I					
Ambient temperature	Maximum 40 °C				Maximum 40 °C					
Cooling type	Natural cooling				Natural cooling					
Impregnation	Vacuum-impregnated				Vacuum-impregnated					
Reactor factor | Resonance frequency	5.5 % | 214 Hz		7 % | 189 Hz		8 % | 176 Hz		12.5 % | 142 Hz		14 % | 134 Hz	
Linearity	–	2.1 x I_{rated}	1.6 x I_{rated}	1.85 x I_{rated}	1.6 x I_{rated}	1.85 x I_{rated}	1.4 x I_{rated}	1.5 x I_{rated}	1.4 x I_{rated}	1.5 x $I_{rated.}$
Standards	DIN EN 60289 (VDE 0532-289)				DIN EN 60289 (VDE 0532-289)					
Designs	Cu = Copper Al = Aluminum L = Connection lead AW = Elbow coupling RK = Tubular cable socket				Cu = Copper Al = Aluminum L = Connection lead AW = Elbow coupling RK = Tubular cable socket					

Status: April 2010. All changes reserved.