

INDOOR SINGLE PHASE CAST RESIN INSULATED BUILT IN FUSE WITHDRAWABLE TYPE VOLTAGE TRANSFORMERS

(Um=3,6kV.....36kV BLOCK TYPES)

Types:

VTB 10-KF1

VTB 20-KF1

VTB 30-KF1

Technical Data								
Types	VTB 10-KF1				VTB 20-KF1		VTB 30-KF1	
Operating voltage, Um (kV)	3,6	7,2	12	17,5	17,5	24**	36**	
Rated power-frequency withstand voltage (1 minute) (kV)	10	20	28	38	38	50	70	
Rated impulse test voltage (1.2/50 μs) full wave (kV)	40	60	75	95	95	125	170	
Rated frequency (Hz)	50-60							
Rated primary voltage (max.) (kV)	12/√3				24/√3		36/√3	
Secondary voltage (V)	100/√3		110/√3		120/√3	100/3	110/3	120/3
Rated burden (max.) in class 0,2 (VA)	30				50		50	
Rated burden (max.) in class 0,5 (VA)	100				120		120	
Rated burden (max.) in class 1 (VA)	200				250		250	
Rated burden for protection purpose in class 3P (VA)	100							
Rated voltage factor (30 sec. or 8 h) (Un)	1,9							
Insulation class	E							
Ambient temperature (°C)	-25 +40*							
Altitude (m)	1000							
Standard	According to the customer requirements							
Weight (approx.) (kg)	30				40		55	

* It can be produced according to customer's specified ambient temperature. Please contact with ESITAS for feasibility.

** For more kV, please contact with ESITAS for feasibility.

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(Um=3,6kV.....36kV BLOCK TYPES)

Types:

VTB 10-KF2
VTB 10-KFA2
VTB 20-KF2
VTB 30-KF2

Technical Data							
Types	VTB 10-KF2 / KFA2				VTB 20-KF2		VTB 30-KF2
Operating voltage, Um (kV)	3,6	7,2	12	17,5	17,5	24**	36**
Rated power-frequency withstand voltage (1 minute) (kV)	10	20	28	38	38	50	70
Rated impulse test voltage (1.2/50 μs) full wave (kV)	40	60	75	95	95	125	170
Rated frequency (Hz)	50-60						
Rated primary voltage (max.) (kV)	12/√3			24/√3		36/√3	
Secondary voltage (V)	100/√3		110/√3		120/√3	100/3	110/3 120/3
Rated burden (max.) in class 0,2 (VA)	30			50		50	
Rated burden (max.) in class 0,5 (VA)	100			120		120	
Rated burden (max.) in class 1 (VA)	200			250		250	
Rated burden for protection purpose in class 3P (VA)					100		
Rated voltage factor (30 sec. or 8 h) (Un)					1,9		
Insulation class					E		
Ambient temperature (°C)					-25 +40*		
Altitude (m)					1000		
Standard	According to the customer requirements						
Weight (approx.) (kg)	30			40		55	

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