

Technical data CAST RESIN transformers:

Three phase distribution transformer of our manufacture, core assembled with sheets of grain-oriented steel, air natural cooled, **aluminium windings** with primary windings encapsulated and secondary windings encapsulated in epoxy resin:

	UM	DATA	STANDARD ACCESSORIES
Quantity	Nr.	1	• H.V. tapping switch • H.V. terminal • L.V. terminal plates • Bidirectional rollers • Lifting lugs • Earthing terminal • Nr. 3 + 1 PT100 probes • Protection relay type T-154
Rated Power	KVA	100	
Series	Ecodesign T2 – EN50588-1		
Type	STEP DOWN		
Frequency	Hz	50	
Primary Tension at no load	V	6000	
Tapping on primary	5 pos.	± 2 x 2,5%	
Secondary Tension at no load	V	400	
Primary Connection	Star		
Secondary Connection	star+n		
Vector group	Y/Yn-0		
Cooling	AN		
Installation	INDOOR		
Windings' Material	Al/Al		
Class of insulating materials	F		
Primary Insulation Class	kV	12/28/75	
Secondary Insulation Class	kV	1,1/3	
Altitude (a.s.l.)	mt	1000	
Ambient Temperature (max)	°C	40	
Temperature rise	K	100	
Noise level (LpA)	dB	49	
Degree of Protection	IP00		
Ambient climatic and fire classes Cert. KEMA n.1339-20	E3 - C2 - F1		
No Load Losses	W	252	
Losses on Load at 120 °C	W	1800	
No load current (I ₀)	%	2	
Impedence (V _{cc})	%	6	
INDICATIVE DIMENSIONS AND WEIGHT			
Length	mm	1200	
Width	mm	600	
Height	mm	1150	
Wheelbase	mm	520x520	
Total Weight	kg	660	

