3x400V 3x400V 12kVA Dyn11 IP23 3-phase Isolating transformer

Transformer Specification

3-phase Isolating transformer

General Values

Type	:	**ERE-16 shoretransformer**						
Snr	:							
Vector group	:	**Dyn11**						
Frequency	:	**50/60**	Hz					
Installation	:	**Indoor**						
Type of cooling	:	**AN**						
Installation altitude	:	**<1000**	m					
		Primary winding		1° Secondary winding		2° Secondary winding		
Nominal rated power @ cont service	:	**12**	kVA	**12**	kVA	**-**	kVA	
Nominal rated voltage	:	**400**	V	**400**	V	**-**	V	
off-load tapping links	:	**-**		**-**		**-**		
Connection	:	**Delta**		**ster+n**		**-**		
Insulation class	:	**1,1**	kV	**1,1**	kV	**-**	kV	
Seperate source AC withstand voltage	:	**3**	kV	**3**	kV	**-**	kV	
Winding material	:	**aluminum**		**aluminum**		**-**		
Type of impregnation	:	**dipped**		**dipped**		**-**		

Insulation Class

maximum ambient temperature	:	**45**	°C					
		Primary winding		1° Secondary winding		2° Secondary winding		
Insulation temperature class	:	**F**		**F**		**-**		
Temperature rise of windings	:	**F**	°C	**F**	°C	**-**	°C	

Overall Dimensions and weights estimated transformer

Width x Depth x Height (axbxc)	:	**420**	**250**	**420**	mm	**IP00**	
Mounting holes (dxe Øf)	:	**375**	**150**	**10**	mm	**Standing**	
Weight	:	**84**			kg		

Overall Dimensions and weights estimated with housing

Width x Depth x Height (axbxc)	:	**677**	**500**	**580**	mm	**IP23**	
Mounting holes (dxe Øf)	:	**350**	**460**	**13,5**	mm	**Floor standing**	
Weight	:	**116**			kg	**RAL7035**	

Additional components/remarks

Including earth screen	:	Inrush current limited to Iir=1
	:	Including connection box with swing door and gland plate

Reference standard

IEC	**61558-1**	:	**Safety of power transformers, power supply units and similar**
		:	**Part 1: General requirements and tests**
IEC	**61558-2-4**	:	**Safety of power transformers, power supply units and similar**
		:	**Part 2-4: Particular requirements for isolating transformers for general use**
	-	:	**-**