Three-phase isolating transformers for medical rooms
acc. to EN61558-2-15 / IEC61558-2-15

Type code:

- DSM: Three-phase isolating transformers / vertical / for medical rooms

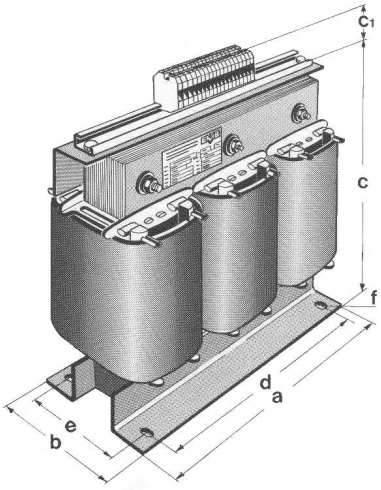
- DLM: Three-phase isolating transformers / horizontal / for medical rooms

Generally:
- Separated windings (transformers with protective separation between input and output windings)
- Short-circuit voltage (uk) noted on type plate
- Non-load current < 3%
- Inrush current < 12-fold În
- Eath current <0,5 mA
- Shield-winding (put on isolated terminals)
- Brought in PTC thermistors for temperature monitoring
- Construction with isolated foot angles
- Degree of protection IP00 (suitable for installation in enclosures up to IP20)
- Construction for pollution severity P2
- Maximum ambient temperature 40℃ / Insulation cla ss B
- Frequency 50 to 60 Hz
- Vacuum-resin-impregnated
- Constructed for continuous operation (ED = 100 %)

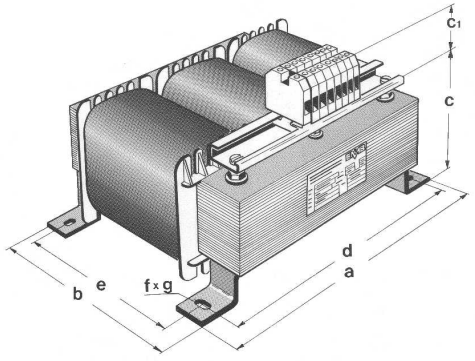
Standards and basics:
- VDE0570-1 (EN61558-1 / IEC61558-1)
  „Safety of transformers, power packs and similar“
- EN61558-2-15 / IEC61558-2-15
  „Isolating transformers for medical rooms“
- General technical conditions and information (see page 81-85)

- Variants of voltage:	
Primary: 400 V	Secondary: 230 V

- DSM



- DLM



Nominal powers, output powers, dimensions and weights															
Size in kVA = Type designation	**Output power in kVA**	**Dimensions of the types DSM**						**Dimensions of the types DLM**						**DSM and DLM**	
		a in mm	**b in mm**	**c in mm**	**d in mm**	**e in mm**	**f in mm**	**a in mm**	**b in mm**	**c in mm**	**d in mm**	**e in mm**	**f in mm**	**Cu.-weight in kg**	**Total weight in kg**
4,5	3,1	340	196	350	290	155	11	360	280	200	322	220	9	21	61
5,0	4,0	360	185	370	310	145	11	395	300	210	358	240	9	23	65
6,3	5,0	360	185	370	310	145	11	395	300	210	358	240	9	27	70
7,5	6,3	360	200	370	310	160	11	395	300	225	358	240	9	30	78
10,0	8,0	420	215	415	370	170	11	450	350	215	410	280	13	39	100
Dimension c1 = 60 - 100 mm															

Options (on request)
- Installation in enclosure (see page 35)
- Fuses