

MFDC & AC transformers

Technical specifications

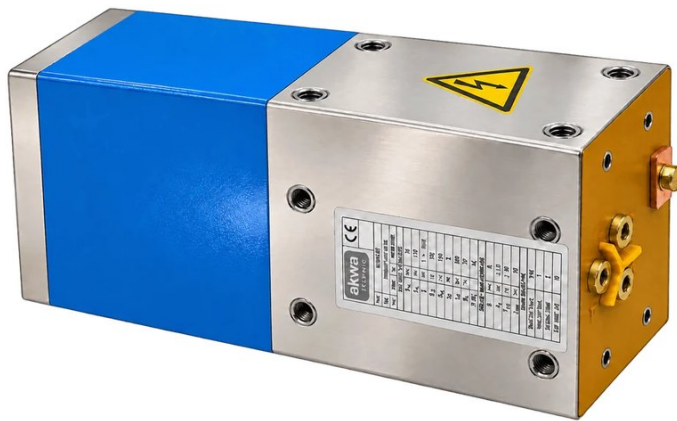
Three transformer types: water-cooled AC (60-300 kVA at 50% duty cycle), air-cooled AC (12-60 kVA at 50% duty cycle), and water-cooled MFDC at 1000 Hz (111-350 kVA at 20% duty cycle). AC supply: 400 V; MFDC supply as specified: 500 V, 50/60 Hz.

Product features

- AC water-cooled
- AC air-cooled
- MFDC · 1000 Hz

TRW111 mf / TRW188 mf / TRW266 mf / TRW350 mf

Values vary by model and application.



Product image

MFDC & AC transformers

Technical specifications

Technical specifications	TRW111 mf	TRW188 mf	TRW266 mf	TRW350 mf
S1P	54 kVA	90 kVA	125 kVA	166 kVA
P (20% duty cycle)	111 kVA	188 kVA	266 kVA	350 kVA
P (50% duty cycle)	70 kVA	119 kVA	168 kVA	221 kVA
Nominal primary voltage	500 V · 50/60 Hz	500 V · 50/60 Hz	500 V · 50/60 Hz	500 V · 50/60 Hz
Nominal secondary voltage	8,3 V	9,4 V	12,5 V	10.2 V
Primary current (I1P)	107 A	180 A	250 A	333 A
Secondary current (I2P)	6 kA	9 kA	9,5 kA	15,3 kA
Cooling type	Water	Water	Water	Water
Dimensions (W×L×H)	150×108×270 mm	160×127×300 mm	160×127×340 mm	234×184×443 mm
Weight	13,5 kg	24 kg	28 kg	62 kg
Transformer frequency	1000 Hz	1000 Hz	1000 Hz	1000 Hz