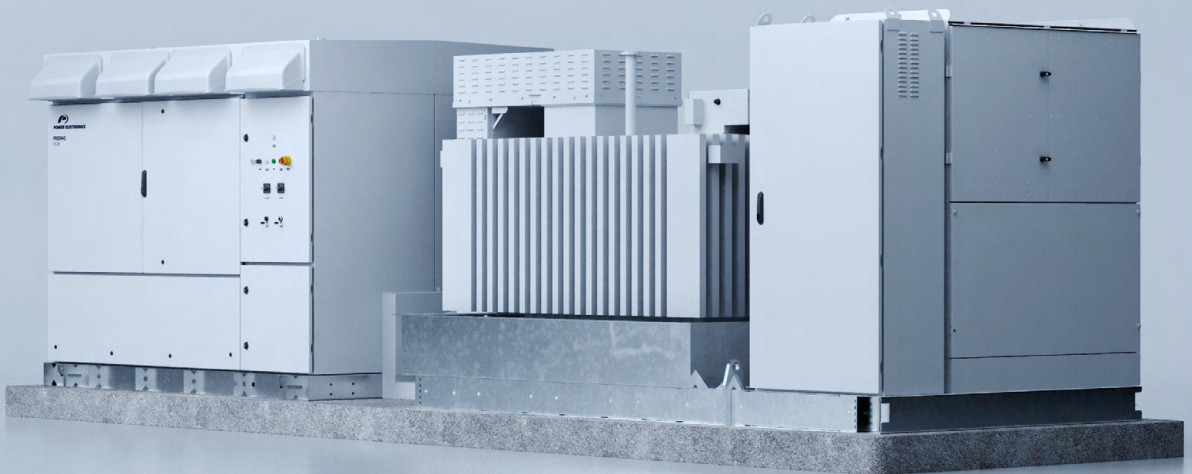
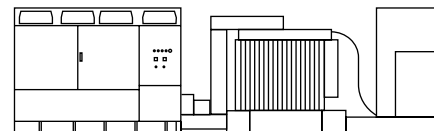


MV Skid Compact

**Turn-key solution.
Easy and fast connection.
Compact and versatile.
Simplifies commissioning.**



MV Skid Compact

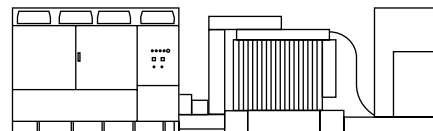


REFERENCES	MVS05240H100	MVS05240H080	MVS05240H050	MVS05240H040	
RATINGS	Rated power @ 30 °C		5240 kVA		
	Operating Grid Frequency		50 Hz		
MEDIUM VOLTAGE EQUIPMENT	MV rated voltage	20 kV	22 kV	30 kV	33 kV
	LV rated voltage		690 V		
	Transformer cooling		ONAN (KNAN optional)		
	Transformer vector group		Dy11y11		
	Transformer protection	Protection relay for pressure, temperature (two levels) and gassing / dielectric level			
			PT100		
	Transformer index of protection		IP54		
	Transformer losses		IEC standard (IEC Tier-2 optional)		
	Oil retention tank (Optional)		Galvanized steel. Integrated with hydrocarbon filter.		
	Switchgear configuration ^[3]		Double feeder (2L)		
	Switchgear protection ^[3]		Circuit breaker (V)		
	Switchgear short circuit rating ^[1]		16 kA / 1 s (optionally: 20 kA / 1 s, 20 kA / 3 s or 25 kA / 1 s)		
	Switchgear IAC ^[1]		A-FLR 16 kA / 1 s (optionally 20 kA or 25 kA)		
Rated impulse withstand voltage		125 kV	170 kV		
CONNECTIONS	MV connections		Close-coupled plug & play solution		
	MV AC wiring		MV bridge between transformer and protection switchgear prewired		
ENVIRONMENT	Ambient temperature range ^[2]		From -25 °C to +60 °C, >30 °C power derating		
	Maximum altitude (above sea level) ^[1]		Up to 1000 m (optionally up to 4000 m)		
	Relative humidity		4% to 95%		
AUXILIARY SERVICES	User Cabinet (Optional)		LV cabinet in the skid		
	UPS System (Optional) ^[4]		1 kVA / 1 kW		
OTHER EQUIPMENT	Safety mechanism (Optional)		Interlocking system		
	Fire suppression system (Optional)		Accessory for transformer oil retention tank		
STANDARDS	Compliance		IEC 62271-212, IEC 62271-200, IEC 60076, IEC 61439-1		

NOTES

- [1] Consult with Power Electronics for other options.
 [2] For lower temperatures, consult with Power Electronics.
 [3] SF6 free optional available.
 [4] Consult with Power Electronics for UPS autonomy.

MV Skid Compact

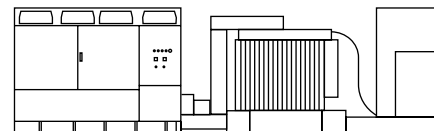


REFERENCES	MVS05240H020	MVS05240H010	MVS05260H100	MVS05260H080		
RATINGS	Rated power @ 30 °C		5240 kVA		5260 kVA	
	Operating Grid Frequency		50 Hz			
MEDIUM VOLTAGE EQUIPMENT	MV rated voltage	35 kV	36 kV	20 kV	22 kV	
	LV rated voltage	690 V				
	Transformer cooling	ONAN (KNAN optional)				
	Transformer vector group	Dy11y11				
	Transformer protection	Protection relay for pressure, temperature (two levels) and gassing / dielectric level				
		PT100				
	Transformer index of protection	IP54				
	Transformer losses	IEC standard (IEC Tier-2 optional)				
	Oil retention tank (Optional)	Galvanized steel. Integrated with hydrocarbon filter.				
	Switchgear configuration ^[3]	Double feeder (2L)				
	Switchgear protection ^[3]	Circuit breaker (V)				
	Switchgear short circuit rating ^[1]	16 kA / 1 s (optionally: 20 kA / 1 s, 20 kA / 3 s or 25 kA / 1 s)				
	Switchgear IAC ^[1]	A-FLR 16 kA / 1 s (optionally 20 kA or 25 kA)				
Rated impulse withstand voltage	185 kV		125 kV			
CONNECTIONS	MV connections	Close-coupled plug & play solution				
	MV AC wiring	MV bridge between transformer and protection switchgear prewired				
ENVIRONMENT	Ambient temperature range ^[2]	From -25 °C to +60 °C, >30 °C power derating				
	Maximum altitude (above sea level) ^[1]	Up to 1000 m (optionally up to 4000 m)				
	Relative humidity	4% to 95%				
AUXILIARY SERVICES	User Cabinet (Optional)	LV cabinet in the skid				
	UPS System (Optional) ^[4]	1 kVA / 1 kW				
OTHER EQUIPMENT	Safety mechanism (Optional)	Interlocking system				
	Fire suppression system (Optional)	Accessory for transformer oil retention tank				
STANDARDS	Compliance	IEC 62271-212, IEC 62271-200, IEC 60076, IEC 61439-1				

NOTES

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MV Skid Compact

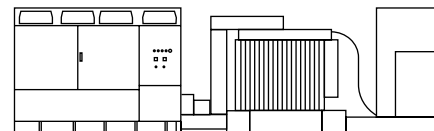


REFERENCES	MVS05260H050	MVS05260H040	MVS05260H020	MVS05260H010	
RATINGS	Rated power @ 30 °C		5260 kVA		
	Operating Grid Frequency		50 Hz		
MEDIUM VOLTAGE EQUIPMENT	MV rated voltage	30 kV	33 kV	35 kV	36 kV
	LV rated voltage		690 V		
	Transformer cooling		ONAN (KNAN optional)		
	Transformer vector group		Dy11y11		
	Transformer protection	Protection relay for pressure, temperature (two levels) and gassing / dielectric level			
			PT100		
	Transformer index of protection		IP54		
	Transformer losses		IEC standard (IEC Tier-2 optional)		
	Oil retention tank (Optional)		Galvanized steel. Integrated with hydrocarbon filter.		
	Switchgear configuration ^[3]		Double feeder (2L)		
	Switchgear protection ^[3]		Circuit breaker (V)		
	Switchgear short circuit rating ^[1]		16 kA / 1 s (optionally: 20 kA / 1 s, 20 kA / 3 s or 25 kA / 1 s)		
	Switchgear IAC ^[1]		A-FLR 16 kA / 1 s (optionally 20 kA or 25 kA)		
Rated impulse withstand voltage		170 kV	185 kV		
CONNECTIONS	MV connections		Close-coupled plug & play solution		
	MV AC wiring		MV bridge between transformer and protection switchgear prewired		
ENVIRONMENT	Ambient temperature range ^[2]		From -25 °C to +60 °C, >30 °C power derating		
	Maximum altitude (above sea level) ^[1]		Up to 1000 m (optionally up to 4000 m)		
	Relative humidity		4% to 95%		
AUXILIARY SERVICES	User Cabinet (Optional)		LV cabinet in the skid		
	UPS System (Optional) ^[4]		1 kVA / 1 kW		
OTHER EQUIPMENT	Safety mechanism (Optional)		Interlocking system		
	Fire suppression system (Optional)		Accessory for transformer oil retention tank		
STANDARDS	Compliance		IEC 62271-212, IEC 62271-200, IEC 60076, IEC 61439-1		

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MV Skid Compact

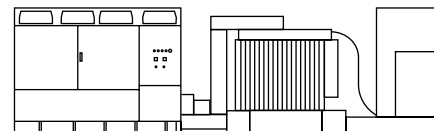


REFERENCES	MVS05360H100	MVS05360H080	MVS05360H050	MVS05360H040	
RATINGS	Rated power @ 30 °C		5360 kVA		
	Operating Grid Frequency		50 Hz		
MEDIUM VOLTAGE EQUIPMENT	MV rated voltage	20 kV	22 kV	30 kV	33 kV
	LV rated voltage		720 V		
	Transformer cooling		ONAN (KNAN optional)		
	Transformer vector group		Dy11y11		
	Transformer protection	Protection relay for pressure, temperature (two levels) and gassing / dielectric level			
			PT100		
	Transformer index of protection		IP54		
	Transformer losses		IEC standard (IEC Tier-2 optional)		
	Oil retention tank (Optional)		Galvanized steel. Integrated with hydrocarbon filter.		
	Switchgear configuration ^[3]		Double feeder (2L)		
	Switchgear protection ^[3]		Circuit breaker (V)		
	Switchgear short circuit rating ^[1]		16 kA / 1 s (optionally: 20 kA / 1 s, 20 kA / 3 s or 25 kA / 1 s)		
	Switchgear IAC ^[1]		A-FLR 16 kA / 1 s (optionally 20 kA or 25 kA)		
Rated impulse withstand voltage		125 kV	170 kV		
CONNECTIONS	MV connections		Close-coupled plug & play solution		
	MV AC wiring		MV bridge between transformer and protection switchgear prewired		
ENVIRONMENT	Ambient temperature range ^[2]		From -25 °C to +60 °C, >30 °C power derating		
	Maximum altitude (above sea level) ^[1]		Up to 1000 m (optionally up to 4000 m)		
	Relative humidity		4% to 95%		
AUXILIARY SERVICES	User Cabinet (Optional)		LV cabinet in the skid		
	UPS System (Optional) ^[4]		1 kVA / 1 kW		
OTHER EQUIPMENT	Safety mechanism (Optional)		Interlocking system		
	Fire suppression system (Optional)		Accessory for transformer oil retention tank		
STANDARDS	Compliance		IEC 62271-212, IEC 62271-200, IEC 60076, IEC 61439-1		

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MV Skid Compact



REFERENCES		MVS05360H020	MVS05360H010
RATINGS	Rated power @ 30 °C	5360 kVA	
	Operating Grid Frequency	50 Hz	
MEDIUM VOLTAGE EQUIPMENT	MV rated voltage	35 kV	36 kV
	LV rated voltage	720 V	
	Transformer cooling	ONAN (KNAN optional)	
	Transformer vector group	Dy11y11	
	Transformer protection	Protection relay for pressure, temperature (two levels) and gassing / dielectric level PT100	
	Transformer index of protection	IP54	
	Transformer losses	IEC standard (IEC Tier-2 optional)	
	Oil retention tank (Optional)	Galvanized steel. Integrated with hydrocarbon filter.	
	Switchgear configuration ^[3]	Double feeder (2L)	
	Switchgear protection ^[3]	Circuit breaker (V)	
	Switchgear short circuit rating ^[1]	16 kA / 1 s (optionally: 20 kA / 1 s, 20 kA / 3 s or 25 kA / 1 s)	
	Switchgear IAC ^[1]	A-FLR 16 kA / 1 s (optionally 20 kA or 25 kA)	
	Rated impulse withstand voltage	185 kV	
CONNECTIONS	MV connections	Close-coupled plug & play solution	
	MV AC wiring	MV bridge between transformer and protection switchgear prewired	
ENVIRONMENT	Ambient temperature range ^[2]	From -25 °C to +60 °C, >30 °C power derating	
	Maximum altitude (above sea level) ^[1]	Up to 1000 m (optionally up to 4000 m)	
	Relative humidity	4% to 95%	
AUXILIARY SERVICES	User Cabinet (Optional)	LV cabinet in the skid	
	UPS System (Optional) ^[4]	1 kVA / 1 kW	
OTHER EQUIPMENT	Safety mechanism (Optional)	Interlocking system	
	Fire suppression system (Optional)	Accessory for transformer oil retention tank	
STANDARDS	Compliance	IEC 62271-212, IEC 62271-200, IEC 60076, IEC 61439-1	

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