

PM6 SF6 Load Break Switch

Disconnecter Switch up to 52 kV

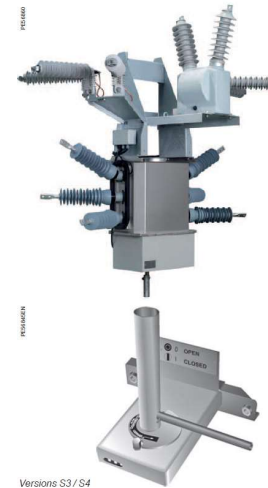
- **PM6 switch-disconnector allows:**
 - To open and close on load
 - To guarantee isolating distance
- **It can be operated:**
 - Manually
 - Motorized
 - Remote controlled
 - Sectionalizer (integrated in RTU)
- **Mainly installed in:**
 - Line interconnections
 - Disconnections
 - Derivations of the electrical network.

Manual operation by hook-stick

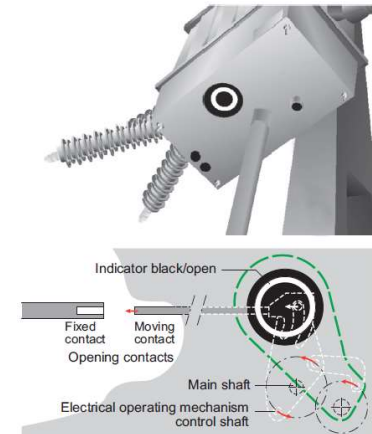


Versions S2D / S3D

Manual transmission at the base of the pole



Versions S3 / S4



T300P Feeder Remote Telecontrol Unit (FRTU) ready to be integrated in your EcoStruxure solution.

HU250. Head Unit with every advanced Feeder RTU function

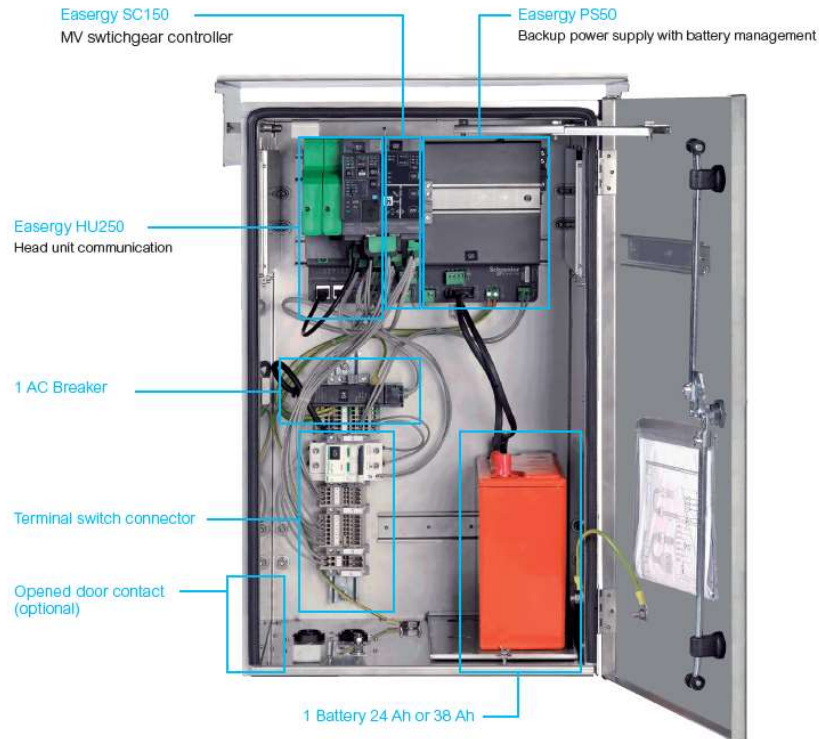
Connectivity to any SCADA

Support for standard protocols

Secure Wi-Fi connectivity

Web server for easy configuration and maintenance

Open to third-party devices



HU250

Life Is On

Schneider Electric

Complete functionality for all MV line management and strong cybersecurity capabilities



SC150. Switchgear control and monitoring

Advanced fault detection that now includes distributed Generation

Complete power measurement (IEC 61557-12)

Power quality monitoring (IEC-61000-4-30 Class S)

Open to any standard of VTs, Low Power VTs, and CTs

Prevent unwanted access by hardening ports

Role-based control access (RBAC)

Safe connection for maintenance: HHTTPS, SSH

Role	Right								
	DATA BASE	FIRMWARE	WEB Services	BUILDER	TOOLS	LOG & SOE	SECURITY	DATA	RESET
VIEWER			•					•	
OPERATOR	•		•			•		•	
ENGINEER	•	•	•	•	•	•		•	•
INSTALLER	•	•	•	•	•	•		•	•
SECADM			•				•		

Main characteristics

SF6 breaking and isolating technology
 Insensitivity to the environment conditions
 Maintenance free, life of 30 years

Version		S3/S2D	S4/S3D	-	
Rated voltage (kV rms)		24 kV	36 kV	52 kV	
Rated current in continuous (A)		400 to 630 A	400 to 630 A	630 A	
Insulation level	kV rms, 50 Hz/1 min	To earth	50 kV	70 kV	95 kV
		Between poles	60 kV	80 kV	110 kV
	Impulse wave kV, 1.2/50 µs	To earth	125 kV	170 kV	250 kV
		Between poles	145 kV	195 kV	290 kV
Breaking capacity (A)	Mainly active load	400 A to 630 A	400 A to 630 A	400 to 630 A	
	Close loop	400 A to 630 A	400 A to 630 A	400 to 630 A	
	Cable charging	10 A	20 A	10 A	
	Line charging	10 A	10 A	10 A	
Making capacity	kA (peak value)	31.5 kA	40 kA	31,5 kA	
Short time withstand current	kA (rms value)	12.5 kA/1 s	16 kA/3 s	12,5 kA/3 s	
	kA (peak value)	31.5 kA	40 kA	31,5 kA	
Other characteristics					
Temperature (°C)	Maximum	+50°C	+50°C	+40°C	
	Minimum	-25°C	-25°C	-25°C	
Mechanical strength	AC cycles	5000	5000	1000	
Protection index	Switch enclosure	IP65	IP65	IP65	
	Motor compartment	IP54	IP54	IP54	
No. of short-circuit making operations (31,5 kA)	-	5	5	2	
Internal arc (31,5 kA)	-	10 kA/1 s	10 kA/1 s	12,5 kA/0,5 s	
Creepage distance (mm/kV)	-	31 mm/kV	31 mm/kV	31 mm/kV	

Designed, tested and manufactured according to: IEC 60265-1, IEC 62271-200/102

References

More than 23.000 PM6 installed Worldwide

