

AM5 Series Protection Relay



Model Description

Functions

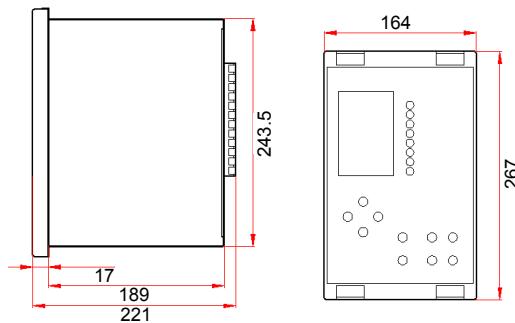
Protection Functions	AM5-							
	F	T	M	C	B	U1	U2	DB
Directional overcurrent (with voltage dependant, 3 stages)	■							
Overcurrent (with compound voltage dependant, 3 stages)		■						
Overcurrent (motor start,motor run, 2 stages)			■					
Overcurrent (2 stages)				■	■			
Overcurrent IDMT	■	■	■	■	■	■		
Earth fault	■	■	■	■	■			
Earth fault IDMT (I01)	■	■						
Earth fault IDMT (I02)	■	■						
Overload (alarm)	■	■	■					
Overload (trip)	■	■	■					
Trip and close circuit supervision (alarm)	■	■	■		■			
Undervoltage (trip)				■				
Undervoltage (alarm)						■	■	
Loss of voltage (trip)	■							
Loss of voltage (alarm)	■							
PT disconnection	■	■	■	■	■	■	■	
Three phase auto-reclose	■							
Under frequency	■							
Over frequency	■							
Post-accelerated overcurrent	■				■			
Oversupply (alarm)	■					■	■	
Loss of voltage (trip)	■			■				
Blocking rotor				■				
Capacitor undervoltage					■			
Unbalance voltage					■			
Unbalance current					■			
Residual oversupply (trip)	■			■				
Residual oversupply (alarm)	■		■			■		
Non-electricity	■	■	■					
Starting time-out				■				
Directional power	■							
Thermal overload (trip/alarm)				■				
Negative sequence overcurrent (2 stages/IDMT)				■				
Oversupply average				■				
Overcurrent average				■				
Incorrect phase sequence				■				
Bus tie and standby power automatic switch						■		
0.4kV standby power automatic switch								■
FC block	■	■	■	■	■	■		
Rear Ports	F	T	M	C	B	U1	U2	DB
RS485 (2 ports)						■		

Note: ■standard □optional

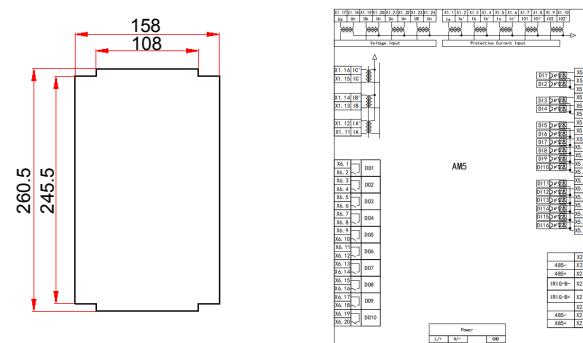
Protocols	AM5-							
	F	T	M	C	B	U1	U2	DB
Modbus serial					■			
IEC 60870-5-103					■			
IEC 60870-5-101					■			
Logs and Records	F	T	M	C	B	U1	U2	DB
Tripping context records					■			
Sequence of event records					■			
Measurement	F	T	M	C	B	U1	U2	DB
Electric parameter						U, I, P, Q, PF, F, Ep, Eq, Es		
Input current	8	8	8	8	8	0	0	8
Input voltage	4	4	4	4	4	4	8	4
Monitoring Functions	F	T	M	C	B	U1	U2	DB
Anti-pumping circuit					Optional			
Remote control					■			
Others	F	T	M	C	B	U1	U2	DB
GPS					■			

Note: ■standard □optional

Wiring



Dimensions



Operation Process

Cut-out Dimensions

Wiring

