

AM4 Series Protection Relay



Model Description

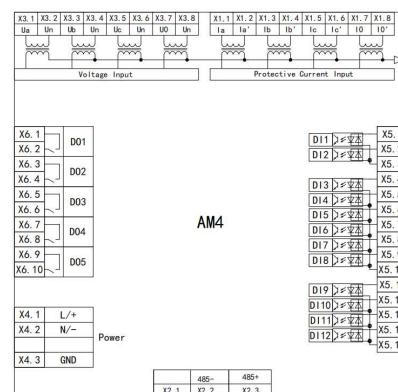
A	M	□	□	□	□	□	
		1					Anti-pumping : with
		2					without
		1					Power: 110 V AC / DC
		2					220 V AC / DC
		3					48V DC
		1					I _{ON} : 1 A
		5					5 A
		1					I : 1 A
		5					5 A
	I						Line / Transformer protection
	U						PT supervisio
4							Serial number
							Protection relay

Functions

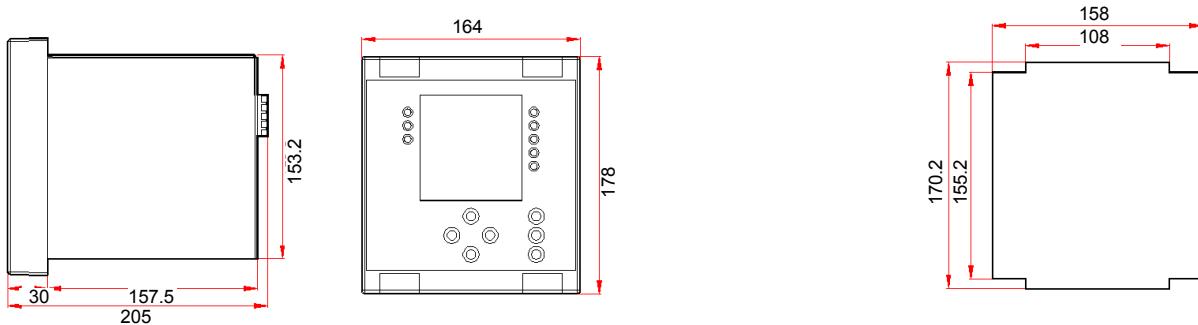
Protection Functions	AM4-		
	I	U1	U2
Overcurrent (3 stages, IDMT)	■		
Earth fault (2 stages, IDMT)	■		
Negative sequence overcurrent (2 stages, IDMT)	■		
Auto-reclose	■		
Overload (trip/alarm)	■		
Under frequency	■		
Post-accelerated overcurrent	■		
Overvoltage (trip)	■		
Undervoltage (trip)	■		
FC block	■		

Protection Functions	AM4-		
	I	U1	U2
Trip and close circuit supervision (alarm)	■		
Non-electricity (trip/alarm)	■		
Undervoltage (alarm)	■	■	■
Oversupply (alarm)	■	■	■
Residual oversupply (alarm)	■	■	■
PT supervision (alarm)	■	■	■
Self-produced over zero-voltage (alarm)	■	■	■
Rear ports	I	U1	U2
RS485			■
Protocols	I	U1	U2
Modbus serial			■
IEC 60870-5-103			■
Measurement	I	U1	U2
Electric parameter		U, I, P, Q, PF, F, Ep, Eq, Es	
Input current	4	0	0
Input voltage	4	4	8
Logs and Records	I	U1	U2
Fault recorder			■
Sequence of event record			■
Monitoring functions	I	U1	U2
Anti-pumping circuit	Optional		
Remote control			■

Wiring



Wiring



■ Dimensions

■ Cut-out Dimensions

Operation Process

