

Area	Issue	Risk	Compensating controls
User accounts	Default account settings are often the source of unauthorized access by malicious users.	If you do not change the default password, unauthorized access can occur.	Change the default password to help reduce unauthorized access.
Secure protocols	Modbus TCP/IP, EtherNet/IP, BACnet/IP, FTP, HTTP, SNMP, SNTP, SMTP and DNP3 protocols are unsecure. The device does not have the capability to transmit encrypted data using these protocols.	If a malicious user gained access to your network, they could intercept communications.	For transmitting data over an internal network, physically or logically segment the network. For transmitting data over an external network, encrypt protocol transmissions over all external connections using an encrypted tunnel, TLS wrapper or a similar solution.

Data encryption

NOTE: Available only in latest firmware versions:

- PM5560 / PM5562 / PM5563 / PM5580 meter models: 4.0.0 and above
- PM5570 / PM5660 / PM5760 meter models: 6.0.0 and above
- PM5650 meter model: 4.10.0 and above
- PM5561 meter model: 12.0.0 and above
- PM5661 / PM5761 meter models: 14.0.0 and above
- PM5570L / PM5660L / PM5760L meter models: 6.0.0 and above

At Rest

The meter encrypts the user accounts and passwords using SHA-256 and AES-256 cryptography.

The unique key which is dynamically generated during handshake mechanism between server and the web client is used for encryption and decryption. The data that is stored in the meter and configuration settings are not encrypted.

In Transit

The meter uses Transport Layer Security (TLS) 1.2 for an encrypted, authenticated connection using HTTPS between the server and the web clients.

Only self-signed Schneider Electric certificate is configured automatically.

Default settings

NOTE: Refer to [Restoration of temporarily disabled configuration settings in webpages, page 234](#) to know availability of these features on your meter model.

Area	Setting	Default
Communication protocols	Modbus TCP/IP	Enabled
	EtherNet/IP	Enabled
	BACnet/IP	Enabled
	FTP / FTPS*	Disabled
	SNMP	Enabled

Area	Setting	Default
	SNTP	Disabled
	SMTP	Disabled
	DNP3	Disabled
	HTTP / HTTPS*	Enabled
Time and time keeping	Time synchronization	Disabled
Web browser	Webpages	Enabled
Configuration	Using the Display	Enabled
	Using webpages	Enabled
	Using Modbus programming	Enabled

* Available only in latest firmware versions:

- **PM5560 / PM5562 / PM5563 / PM5580 meter models: 4.0.0 and above**
- **PM5570 / PM5660 / PM5760 meter models: 6.0.0 and above**
- **PM5650 meter model: 4.10.0 and above**
- **PM5561 meter model: 12.0.0 and above**
- **PM5661 / PM5761 meter models: 14.0.0 and above**
- **PM5570L / PM5660L / PM5760L meter models: 6.0.0 and above**

User accounts and permissions

Recommendations to optimize cybersecurity in a protected environment:

- Assign users only the essential permissions needed to perform their role.
- Revoke user permissions when no longer needed due to role change, transfer or termination.
- Follow user account management tasks as described by your organization or contact your network administrator.

User account lockout policy

After the 5th consecutive invalid login attempt, the webpage login is locked for 2 minutes. After 2 minutes (expiry), the webpage is unlocked.

Passwords/Passcodes

NOTE: Refer to [Restoration of temporarily disabled configuration settings in webpages, page 234](#) to know availability of these features on your meter model.

Recommendations to optimize cybersecurity in a protected environment:

- Document and store passwords and usernames in a protected location.
- Change the default password/passcode to help reduce unauthorized access. Default account settings are often the source of unauthorized access by malicious users.
- Use complex passwords or passphrases with a minimum length of six characters.
- Follow user account management tasks as described by your organization or contact your network administrator, for example, maximum password age or history policies.

Changing user account passwords

Based on your firmware version, see [Configuring user accounts for webpages](#), page 63 OR [Changing user account password](#), page 69 for instructions on how to change the default user account password.

Harden the device

NOTE: Refer to [Restoration of temporarily disabled configuration settings in webpages](#), page 234 to know availability of these features on your meter model.

Recommendations to optimize cybersecurity in a protected environment:

- Harden the meter according to your company policies and standards.
- Review assumptions about protected environments and address potential risks and mitigation strategies. See [Product defense-in-depth](#), page 50 for details.
- Logout user account sessions in webpages after usage.
- Limit the number of concurrent user sessions (Refer to table [Protocol, ports, and connections](#), page 73).
- Session lock requires sign in after a minimum time-period of 10 minutes or more of inactivity.

NOTE: Available only in latest firmware versions:

- PM5560 / PM5562 / PM5563 / PM5580 meter models: 4.0.0 and above
- PM5570 / PM5660 / PM5760 meter models: 6.0.0 and above
- PM5650 meter model: 4.10.0 and above
- PM5561 meter model: 12.0.0 and above
- PM5661 / PM5761 meter models: 14.0.0 and above
- PM5570L / PM5660L / PM5760L meter models: 6.0.0 and above
- Change the default passwords/passcodes. See [Changing passwords/passcodes](#), page 55 for details.
- Least functionality can be applied to prohibit and restrict the use of unnecessary functions, protocols and/or services.
- Change the communication protocol ports from their default values. This lowers the predictability of port use.
- Disable communication protocol ports when they are not in use. This reduces the attack surface.

Enabling/Disabling communication protocols and changing port numbers

Changing Ethernet communications using the display

See [Setting up Ethernet communications using the display](#), page 75 for instructions on how to enable/disable HTTP / HTTPS, DPWS, EtherNet/IP and DNP3 settings on your meter.

Changing basic Ethernet settings using the webpages

See [Configuring basic Ethernet settings using the webpages](#), page 77 for instructions on how to change the basic Ethernet settings of your meter.

Reporting a security incident or vulnerability

To report suspicious activity or a cybersecurity incident, go to the [Schneider Electric Report an Incident website](#).

To report a security vulnerability affecting your product or solution, go to the [Schneider Electric Report a Vulnerability website](#).

Firmware upgrades

When meter firmware is upgraded – security configuration remains the same until changed, including usernames and passwords/passcodes. It is recommended to review security configuration after an upgrade to analyze privileges for new or changed device features and revoke or apply them according to your company policies and standards.

See [Firmware upgrades](#), page 209 for information about firmware upgrades.

Secure disposal guidelines

Use the *Secure disposal checklist* when disposing a meter to help prevent potential disclosure of data.

Secure disposal checklist

- **Record activities:** Document disposal actions according to your company policies and standards to keep a record of activities.
- **Decommission related rules and sanitize records:**
 - Follow decommission and sanitization tasks as described by your organization or contact your network administrator.
 - Decommission network and security rules, e.g. a firewall rule that could be used to get past the firewall.
 - Perform records tracking sanitization tasks to remove records in related systems, e.g. monitoring SNMP servers.
- **Disposal and reuse:** See [Disposal, reuse, recycling](#), page 58 for more information.

Disposal, reuse, recycling

Before removing the device from its intended environment, follow the *Secure disposal guidelines* in this document.

Follow device removal tasks described by your organization or contact your network administrator to determine a responsible method of disposal.

Dispose the device according to the legislation of the country. Some regulatory organizations include:

- The United States [Environmental Protection Agency \(EPA\)](#) for guidance on the sustainable management of electronics.
 - The EPA provides an [Electronic Product Environmental Assessment Tool \(EPEAT\)](#) that helps assess the environmental attributes of electronics.
- The European [Waste Electrical & Electronic Equipment Directive \(WEEE Directive\)](#) is the Community directive on Waste Electrical and Electronic Equipment.

Maintenance

This tab allows you to view the following webpages:

Webpage menu	Webpage submenu	Description
Maintenance Log	Maintenance Log	Displays the maintenance log parameters with record of meter events, and in particular, changes to the meter setup. Each event is date and timestamped. The Event Type field provides a brief description of what changed and the Event Cause specifies what triggered the event. NOTE: Click the Update button to refresh the maintenance log list. You can also click the Next 10 Records or Previous 10 Records to check the maintenance log records.
Upgrade	Firmware	Allows you to upgrade firmware for your meter (Refer to <i>Firmware upgrade using webpages</i> , page 214).
	Upgrade Status	Displays the last firmware upgrade status of the meter.

Settings

This tab allows you to view the following webpages:

Webpage menu	Webpage submenu	Description
Security	Product Certificate	Displays the product certificate details. Allows you to create self-signed certificate of the product. NOTE: You need to re-login to the webpages to view the changes applied (create certificate changes).
Communication	Serial Port Configuration	Allows you to configure serial port and advanced serial port settings.
	Ethernet Settings	Allows you to configure Ethernet settings.
	Advanced Ethernet Settings	Allows you to configure the advanced Ethernet, FTPS and HTTPS settings.
	Date Time Settings	Allows you to configure time synchronization and time settings manually.
	IP Filtering	Allows you to set the level of access for each configured IP address, as well as for anonymous IP addresses. NOTE: By default, the Enable Filtering option is disabled.
	DPWS Settings	Allows you to enable or disable DPWS.
	SNMP Settings	Allows you to configure the SNMP and SNMP trap parameters.
	DNP3 Settings	Allows you to enable or disable DNP3.
	EtherNet/IP Settings	Allows you to enable or disable EtherNet/IP.
	BACnet/IP Settings	Allows you to configure BACnet/IP settings.
	Email On Alarm Settings	Allows you to configure the Email on alarm settings.
	PM55x3RD Remote Display*	Allows you to configure PM5563 meter with PM5RD device hardware version.
User Management	User Accounts	Allows you to add user accounts, delete user accounts, reset user account password, assign user role, and terminate user account sessions.

Webpage menu	Webpage submenu	Description
	Warning Banner	<p>Allows you to configure the warning message (maximum up to 450 characters) appearing on your login screen.</p> <p>NOTE: The warning banner configured for the language can only be seen for that respective language on the login screen of the webpage. Other languages will have the default warning banner "This application is protected by copyright law and international treaties".</p>

*Available only in PM5563 meter model.

User accounts

The meter users are assigned with usernames and passwords. Each user is assigned with a role to access the webpages by the administrator.

There are two pre-defined user accounts:

- **Administrator** (default password is MAC address which is unique for each meter)

NOTE: Enter the MAC address of the meter without colon in capital letters (For example: if the MAC address of the meter is 00:80:f4:02:14:38, then password is 0080F4021438).

- **Guest** (default password is **Powerlogic@1**)

⚠ WARNING
<p>POTENTIAL COMPROMISE OF SYSTEM AVAILABILITY, INTEGRITY, AND CONFIDENTIALITY</p> <ul style="list-style-type: none"> • Change default passwords at first use to help prevent unauthorized access to device settings, controls, and information. <p>Failure to follow these instructions can result in death, serious injury, or equipment damage.</p>

In a continuous effort to encourage users on the awareness about the cybersecurity best practices and the meters more cyber secure in their applications, the users are forced to change the default factory-set password to a complex password.

Changing user account password

NOTE: When you change your user account password, the user sessions get terminated and you need to re-login to access the webpages.

NOTICE
<p>LOSS OF ACCESS</p> <p>Record your device's user and password information in a secure location.</p> <p>Failure to follow these instructions can result in data loss and loss of access to the device.</p>

NOTICE
<p>LOSS OF DATA OR PRODUCT CONFIGURATION</p> <p>Do not let unauthorized personnel gain physical access to the device.</p> <p>Failure to follow these instructions can result in data loss and loss of access to the device.</p>

8. Press **Yes** to save your changes.

Parameter	Values	Description
IP Method	Stored, Default, DHCP, BOOTP	<p>This controls the network protocol for your device (what the meter uses to obtain its IP address).</p> <p>Stored: Use the static value programmed in the IP Address setup register</p> <p>Default: Use 85.16 as the first two values of the IP address, then convert the last two hexadecimal values of the MAC address to decimal and use this as the last two values of the IP address. Example: MAC address = 00:80:67:82:B8:C8 Default IP = 85.16.184.200</p> <p>DHCP: Dynamic Host Configuration Protocol</p> <p>BOOTP: Bootstrap Protocol</p>
IP Address	Contact your local network administrator for parameter values.	The Internet protocol address of your device.
Subnet	Contact your local network administrator for parameter values.	The Ethernet IP subnetwork address of your network (subnet mask).
Gateway	Contact your local network administrator for parameter values.	The Ethernet IP gateway address of your network.
HTTP Server / HTTPS Server***	Enabled, Disabled	Controls whether your device's webserver and webpages are active or not.
FTP	Enabled, Disabled	<p>Allows you to enable or disable FTP</p> <p>(Auto-disables if idle for 20 minutes)**</p>
DPWS	Enabled, Disabled	Allows you to enable or disable DPWS
EtherNet/IP	Enabled, Disabled	Allows you to enable or disable EtherNet/IP
DNP3*	Enabled, Disabled	Allows you to enable or disable DNP3
MAC	00:80:67:8A:F6:64	<p>Displays the meter's factory-programmed MAC address. This information is read-only and cannot be changed.</p> <p>*** This can be used as a DNS entry that maps the MAC address to the IP address assigned by the DHCP server.</p>
Device Name	(see description)	This is the meter's device name and is factory set to PM55-#xxx (where xxx is the serial number of the meter). This can be used as a DNS entry that maps the device name to the IP address assigned by the DHCP server.

*Available in specific meter models. Refer to *Features differentiation matrix for PM5500 / PM5600 / PM5700 series*, page 20 for the availability.

**Refer to *Restoration of temporarily disabled configuration settings in webpages*, page 235 to know availability of these features on your meter model.

***Available only in latest firmware versions:

- PM5560 / PM5562 / PM5563 / PM5580 meter models: 4.0.0 and above
- PM5570 / PM5660 / PM5760 meter models: 6.0.0 and above
- PM5650 meter model: 4.10.0 and above
- PM5561 meter model: 12.0.0 and above
- PM5661 / PM5761 meter models: 14.0.0 and above
- PM5570L / PM5660L / PM5760L meter models: 6.0.0 and above

NOTE:

An exclamation mark beside the IP address can indicate:

- that the IP address is being programmed. Wait a few seconds for the IP address to appear to confirm that it is programmed.
- that there is a problem with the network. Check with your system administrator for network issues.

Configuring basic Ethernet settings using the webpages

NOTE: Refer to Restoration of temporarily disabled configuration settings in webpages, page 235 to know availability of these features on your meter model.

You can use the meter's webpages to configure Ethernet settings.

1. Login to the meter webpages.
2. Based on your meter firmware version, click **Settings > Ethernet Settings** OR click **Settings > Communication > Ethernet Settings**.
3. Modify the Ethernet setup parameters as required.
4. Click **Save changes** or **Apply Changes** to send and save the new settings to the meter.

Parameter	Description
MAC Address	Displays the meter's factory-programmed MAC address. This information is read-only and cannot be changed.
IP Address Acquisition Mode	<p>This controls the network protocol for your device (which the meter uses to obtain its IP address):</p> <ul style="list-style-type: none"> DHCP: Dynamic Host Configuration Protocol <p>NOTE: Fully qualified domain names are not supported. The device name / MAC address* is not automatically sent to a DNS server when a DHCP request is sent. In order to use device name / MAC address* instead of IP address, your IT administrator must manually add the device name / MAC address* to the DNS.</p> BOOTP: Bootstrap Protocol Stored: The static value you programmed in the IP Address setup register Default: Uses 85.16 as the first two values of the IP address, then converts the last two hexadecimal values of the MAC address to decimal and uses this as the last two values of the IP address. Example: MAC address = 00:80:67:82:B8:C8, default IP = 85.16.184.200
IP Address	The Internet protocol address of your device.
Subnet Mask	The Ethernet IP subnetwork address of your network (subnet mask).
Default Gateway	The Ethernet IP gateway address of your network.

*Available only in latest firmware versions:

- PM5560 / PM5562 / PM5563 / PM5580 meter models: 4.0.0 and above
- PM5570 / PM5660 / PM5760 meter models: 6.0.0 and above
- PM5650 meter model: 4.10.0 and above
- PM5561 meter model: 12.0.0 and above
- PM5661 / PM5761 meter models: 14.0.0 and above
- PM5570L / PM5660L / PM5760L meter models: 6.0.0 and above

Configuring advanced Ethernet parameters using the webpages

NOTE: Refer to Restoration of temporarily disabled configuration settings in webpages, page 235 to know availability of these features on your meter model.

You can configure advanced Ethernet parameters, such as TCP keepalive, connection timeouts and idle times, using the Advanced Ethernet Settings webpage.

1. Login to the meter webpages.
2. Based on your meter firmware version, click **Settings > Advanced Ethernet Settings** OR click **Settings > Communication > Advanced Ethernet Settings**.
3. Modify the Ethernet setup parameters as required.

3. Modify the settings as required.

SNMP parameters available using the webpages

Parameter	Values	Description
Enable SNMP	Yes / No	Enables or disables SNMP on your meter
System Contact	—	Enter the name of your SNMP administrator
System Name	—	Enter a descriptive name for your meter
System Location	—	Enter your meter's location
Read-only Community Name / Write-only Community Name	—	Enter the community name used for SNMP requests NOTE: It is highly recommended to set a community name that best meets your security guidelines. The community Name must contain between 8 and 16 characters with at least 1 uppercase, 1 lowercase and 1 special character. *The special characters allowed are "@#%&'".
Enable SNMP Traps	Yes / No	Enables SNMP trapping on your meter
Trap Receiver 1 IP Address / Trap Receiver 2 IP Address	—	Enter up to 2 trap receiver IP addresses where trap messages are sent

*Available only in latest firmware versions:

- PM5560 / PM5562 / PM5563 / PM5580 meter models: 4.0.0 and above
- PM5570 / PM5660 / PM5760 meter models: 6.0.0 and above
- PM5650 meter model: 4.10.0 and above
- PM5561 meter model: 12.0.0 and above
- PM5661 / PM5761 meter models: 14.0.0 and above
- PM5570L / PM5660L / PM5760L meter models: 6.0.0 and above

FTP

Your meter has an internal FTP server that you can use to load files and upgrade your meter and meter accessories.

FTP (File Transfer Protocol) is a standard, client-server network protocol used to transfer files over Ethernet networks.

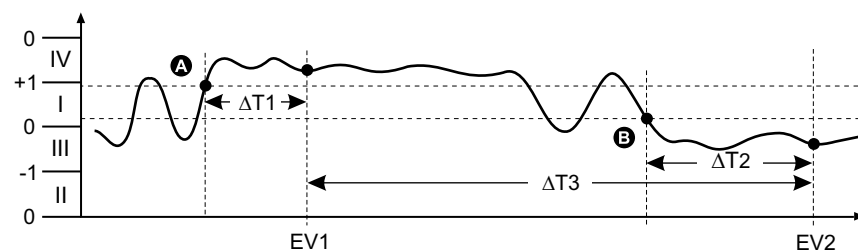
NOTE: To use FTP service for firmware versions mentioned in column (C) of Table *Meter models and firmware versions*, page 235, the user must have accessed the meter webpage and set user account credentials at least once. If this is already done, enable FTP (secured or unsecured) through webpage or meter display or ION Setup. Subsequently you can use valid Administrator user account credentials to access the FTP server. After the FTP service is enabled, ensure that the meter display screen is set to **Summary** page.

FTP file structure

Your meter's FTP server contains fw and www / wwwroot folder.

- fw: this folder is where you can load firmware upgrade files for your meter and the meter's Ethernet card.
- www / wwwroot: this folder is where the meter's default webpages are stored.

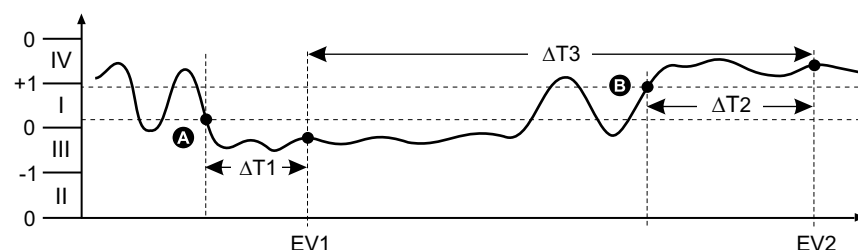
NOTE: The firmware upgrade process through FTP is only applicable for meter models with firmware versions mentioned in column (A) and column (B) of Table *Meter models and firmware versions*, page 235.



A	Pickup setpoint	$\Delta T2$	Dropout time delay (in seconds)
B	Dropout setpoint	EV2	End of alarm condition
$\Delta T1$	Pickup delay period (in seconds)	$\Delta T3$	Alarm duration (in seconds)
EV1	Start of alarm condition		

Lagging PF alarm

The Lagging PF alarm monitors an under setpoint condition.



A	Pickup setpoint	$\Delta T2$	Dropout time delay (in seconds)
B	Dropout setpoint	EV2	End of alarm condition
$\Delta T1$	Pickup delay period (in seconds)	$\Delta T3$	Alarm duration (in seconds)
EV1	Start of alarm condition		

Phase loss alarm

The phase loss alarm is an under setpoint alarm that monitors the voltages on a 3-phase system and triggers the alarm when one or two phases fall below the pickup setpoint setting and remain there long enough to satisfy the pickup time delay period.

When all of the phases rise above the dropout setpoint setting and remain there long enough to satisfy the dropout time delay period, the alarm condition is set to OFF.

*In 1PH3W LL with N system configuration, if any one phase of V L-N falls below the 20 V pickup setpoint setting and remain there long enough to satisfy the pickup time delay period, the phase loss alarm is triggered.

NOTE: *In 1PH system configuration, no phase loss alarm is triggered because it is considered as no load condition.

*In 3PH3W system configuration, if any two phases of V L-L falls below the pickup setpoint setting and remain there long enough to satisfy the pickup time delay period, the phase loss alarm is triggered.

*In 3PH4W system configuration, if any two phases of V L-N falls below the 20 V pickup setpoint setting and remain there long enough to satisfy the pickup time delay period, the phase loss alarm is triggered.

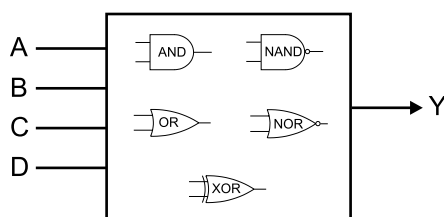
*Available only in latest firmware versions:

- PM5560 / PM5562 / PM5563 / PM5580 meter models: 4.0.0 and above
- PM5570 / PM5660 / PM5760 meter models: 6.0.0 and above
- PM5650 meter model: 4.10.0 and above
- PM5561 meter model: 12.0.0 and above
- PM5661 / PM5761 meter models: 14.0.0 and above
- PM5570L / PM5660L / PM5760L meter models: 6.0.0 and above

Logic alarms

A logic alarm is used to monitor up to four different inputs or parameters.

The logic alarm is tripped when the individual state of all the inputs (A, B, C, D) cause the output (Y) of a logic operation to be true.



The logic alarm inputs can only be linked using software.

Custom alarms

Custom alarms (Cust1s) are setpoint-driven alarms, similar to the standard (1-Sec) alarms.

A custom alarm's input parameters and setpoint subtypes can only be configured using software.

Custom alarm parameter list

You can configure custom alarms to monitor over and under conditions on a variety of different parameters.

The pickup setpoint and dropout setpoint limits are set to -999999 to 999999.

Alarm parameter	Unit	Alarm parameter	Unit
Current A	A	Active Energy Delivered	kW
Current B	A	Active Energy Received	kW
Current C	A	Active Energy Delivered+Received	kW
Current N	A	Active Energy Delivered-Received	kW
Current G	A	Reactive Energy Delivered	kVAR
Current Avg	A	Reactive Energy Received	kVAR
Current Unbalance A	%	Reactive Energy Delivered+Received	kVAR
Current Unbalance B	%	Reactive Energy Delivered-Received	kVAR
Current Unbalance C	%	Apparent Energy Delivered	kVA
Current Unbalance Worst	%	Apparent Energy Received	kVA
Voltage A-B	V	Apparent Energy Delivered+Received	kVA

AC control power (Applicable for PM5570 / PM5660 / PM5661 / PM5760 / PM5761 / PM5570L / PM5660L / PM5760L meter models)

Nominal AC voltage	480 V (Range: 100 to 480 V $\pm 10\%$)
Installation category	CAT III 600 V class per BS/ EN/ IEC/ UL 61010-1: 2010 + A1: 2019
Burden	Maximum 13.1 VA / 4 W, Typical 10.6 VA at 230 V L-N
Nominal frequency	50/60 Hz (Range: 45 to 65 Hz)
Ride-through time	35 ms typical at 120 V L-N and maximum burden 129 ms typical at 230 V L-N and maximum burden

DC control power

Nominal DC voltage	250 V (Range: 125 to 250 V $\pm 20\%$)
Burden	Maximum 5 W, Typical 3.1 W at 125 V DC (Applicable for PM5560 / PM5561 / PM5562 / PM5562MC / PM5563 / PM5650 meter models) Maximum 4 W, Typical 3.6 W at 125 V DC (Applicable for PM5570 / PM5660 / PM5661 / PM5760 / PM5761 meter models)
Ride-through time	29 ms typical at 125 V DC and maximum burden

Low-voltage DC control power (Applicable only for PM5580/ PM5570L / PM5660L / PM5760L meter models)

Operating range	20 – 60 V DC $\pm 10\%$
Burden	4.1 W maximum
Ride-through time	15 ms typical at 18 – 60 V DC and maximum burden

Digital outputs

Number	2
Type	Form A solid-state digital outputs
Maximum load voltage	40 V AC / 60 V DC (Applicable for PM5500 series and PM5650 meter model) 30 V AC / 40 V DC (Applicable for PM5660 / PM5661 / PM5760 / PM5761 / PM5660L / PM5760L meter models)
Maximum load current	125 mA
ON resistance	8 Ω
Pulse frequency	25 Hz maximum
Pulse weight	1 to 9999999 pulses per k_h
Pulse width	50% duty cycle (20 ms minimum ON time) *Configurable pulse width for energy pulsing application: 20 ms, 25 ms, 50 ms, 100 ms
Leakage current	1 μ A
Isolation	2.5 kV RMS for 60 seconds

*Available only in latest firmware versions:

- PM5560 / PM5562 / PM5563 / PM5580 meter models: 4.0.0 and above
- PM5570 / PM5660 / PM5760 meter models: 6.0.0 and above
- PM5650 meter model: 4.10.0 and above
- PM5561 meter model: 12.0.0 and above
- PM5661 / PM5761 meter models: 14.0.0 and above
- PM5570L / PM5660L / PM5760L meter models: 6.0.0 and above

Digital inputs (Applicable for PM5650 meter model and PM5500 series except PM5570 and PM5570L)

Number	4
Type	Externally excited