

Release history for PM5331

Release Version	Date	OS Version	RS version	Language Version
1.64	01/03/2017	1.6.4	1.0.6	2.0.0
1.62	7/07/2016	1.6.2	1.0.6	2.0.0
1.60	14/05/2015	1.6.0	1.0.6	2.0.0
1.47	4/11/2014	1.4.7	1.0.6	2.0.0
1.22	12/03/2014	1.2.2	1.0.6	1.0.3
1.21	2/09/2013	1.2.1	1.0.5	1.0.3
1.20	28/08/2013	1.2.0	1.0.5	1.0.3

Version Number	Changes Since Version	Change Details
1.64	1.62	Official release of the changes implemented in revision 1.62 Fixes <ul style="list-style-type: none"> 8905 Bitmap Register Changed from UINT16 to UINT32
1.62	1.60	<p>*This version not officially released to end customer</p> Enhancements <ul style="list-style-type: none"> Individual harmonics magnitude <1% available CT primary / secondary ration data can take float values Fixes <ul style="list-style-type: none"> In case of negative energy flow, the energy displayed not correct : fixed Single/ Multiple coil read correction for DI,DO, Alarms 8905 Bitmap Register Changed from UINT32 to UINT16 Power Fail Reset Counter Not Getting Changed on HMI After Reset In 2VT configuration, unused phase value was showing 0. – Fixed Display RTC time and QR code time stamp not matching when GMT offset is added. - Fixed. Missing of 1st pulse in DO Alarm Counter and Setup Changed from ON -> OFF Vice verse – Fixed
1.60	1.47	Enhancements <ul style="list-style-type: none"> 4 additional communication registers to represent PF value in IEC and Lag/lead format . These are 2 float 32 registers (3192, 3194) and 2 INT16 registers (3196, 3197) Firmware update through download restricted to 10 (MID requirement) Evenly spaced pulses similar to optical pulse output implemented for Digital output Fixes

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		<ul style="list-style-type: none"> Individual harmonic values not accessible through communication fixed Spurious neutral current while phases carry balanced currents fixed Demand Fix to Correct the behavior in Command Sync and Clock Sync Mode DI/DO/Relay counter value not reset to zero by Global reset through HMI fixed DO pulses per K__h not able to set through HMI -fixed
1.47	1.22	Enhancement <ul style="list-style-type: none"> Added Float 32 energy registers to support both INT64 and Float 32 energy registers Added QR code functionality Fixes <ul style="list-style-type: none"> Fix issue: Multi tariff energy not retaining value on power cycle while Multi tariff in Input mode Fix issue: RTC day roll over not in sync with 24 hours. Fix issue: After data log roll over value only partial records are retrievable
1.22	1.21	Fix <ul style="list-style-type: none"> DLF upgrade can be done at 38400 baud rate
1.21	1.20	Fixes <ul style="list-style-type: none"> Fix for LED pulse output to provide correct pulses for different ct/pt ratios
1.20	None	Initial release MID firmware : Features : Revenue lock, New LCD display (Tianma) support, 61557-12 compliance