

## **DECLARATION OF CONFORMITY**

### **West N23XX, V4545, N65XX, N64XX, N808X, N44XX, N86XX, N66XX Series, PMA ECO 11 (And corresponding branded products)**

This product is manufactured at the premises of West Control Solutions, The Hyde Business Park, Brighton, East Sussex, BN2 4JU, England, UK

This declaration of conformity is issued under the sole responsibility of the manufacturer.

The objects of this declaration are the products identified using the model numbers derived from the tables listed below.

The objects of this declaration are in conformity with the following European Union harmonisation legislation:

2014/30/EU Electromagnetic Compatibility

2014/35/EU Low Voltage Directive

2011/65/EU Restriction of Hazardous Substances in Electrical and Electronic Equipment

The assessment of conformity has been made using the standards route to compliance. The standards this product is compliant with are listed below: -

**EN 61326-1:2013 Electrical equipment for measurement, control and laboratory use — EMC Requirements — Part 1: General Requirements**

**FCC Title 47 Chapter 1A Part 15B RADIO FREQUENCY DEVICES**

**FCC Title 47 Chapter 1A Part 18 INDUSTRIAL, SCIENTIFIC, AND MEDICAL EQUIPMENT**

**EN55011:2009 + A1:2010 Industrial, scientific and medical equipment – Radio Frequency disturbance characteristics – Limits and methods of measurement**

This product has been evaluated as Class A equipment suitable for operation in Industrial Locations against this standard.

#### **WARNING**

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

**UL 61010-1 Edition 3, Safety requirements for electrical equipment for measurement, control and laboratory use; Part 1: General Requirements**

**EN50581:2012, Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.**

This declaration is made for and on behalf of Danaher by Stephan Sommer, who has been designated as the responsible person for the purpose of the regulations.

Signature: \_\_\_\_\_

(S. Sommer)

Date of Issue: \_\_\_\_\_

19/04/16

Model Number	N2300	xx	x	x
<b>Output type</b>				
Indicator only		00		
Indicator + Alarm 1 (Relay)		01		
Indicator + Alarm 1 (SSR)		02		
Controller (Relay) + Alarm 1 (SSR)		12		
Controller (SSR) + Alarm 1 (Relay)		21		
<b>Option</b>				
No option fitted			0	
Alarm 2 - Relay output (not available if output type = 00)			1	
RS 485 Comms (MODBUS Protocol)			2	
<b>Display colour and power supply</b>				
Green display/90-264V AC line supply				0
Red display/90-264V AC line supply				1
Green display/12-30V DC/24 AC line supply				2
Red display/12-30V DC/24 AC line supply				3

Model Number	V45450E	x	x
<b>Input type</b>			
Single Preset		1	
Two Preset		2	
Batch Counter		3	
<b>Power supply</b>			
90-264V AC line supply			0
24-48V AC or DC line supply			2

Model Number	N6500	x	x	x	0	x
<b>Input type</b>						
RTD		1				
Thermocouple		2				
<b>Output</b>						
Relay Control output			1			
DC for SSR Control output			2			
<b>Alarm</b>						
Not fitted				0		
Relay Alarm output				1		
<b>Power Supply</b>						



90-264V AC line supply						00
24-48V AC or DC line supply						02

Model Number	N6400	x	x	x	x	xx	Sxx
<b>Input type</b>							
3 Wire RTD or DC mV		1					
Thermocouple		2					
DC mA		3					
DC Voltage		4					
<b>Output 1</b>							
Relay Control output		1					
DC for SSR Control output		2					
DC 0-10V Control output		3					
DC 0-20mA Control output		4					
DC 0-5V Control output		5					
DC 4-20mA Control output		7					
Triac Control output		8					
<b>Output 2</b>							
Not fitted				0			
Relay Control Control or Alarm 2 output				1			
DC for SSR Control or Alarm 2 output				2			
DC 0-10V Control output				3			
DC 0-20mA Control output				4			
DC 0-5V Control output				5			
DC 4-20mA Control output				7			
Triac Control output				8			
<b>Output 3</b>							
Not fitted					0		
Relay Alarm 1 output					1		
DC for SSR Alarm 1 output					2		
DC 0-10V Re-Transmit PV or SP					3		
DC 0-20mA Re-Transmit PV or SP					4		
DC 0-5V Re-Transmit PV or SP					5		
DC 4-20mA Re-Transmit PV or SP					7		
<b>Options and Power Supply</b>							
No Options/90-264V AC line supply						00	
No Options/24-48V AC or DC line supply						02	
RS485 Serial Comms/90-264V AC line supply						10	
RS485 Serial Comms/24-48V AC or DC line supply						12	
Remote Run-Hold input/90-264V AC line supply						30	
Remote Run-Hold input/24-48V AC or DC line supply						32	
<b>Special Variants</b>							

Special variant not required									Blank
10V DC SSR outputs (requires output code(s) 2 above)									S14

Model Number	N808	x	x	x	x	x	x
<b>Brand</b>							
West		0					
PartLow		1					
<b>Input type</b>							
Temperature (Thermocouple/RTD)			1				
DC Process (mV/V/mA)			2				
<b>Output Slot 1*</b>							
No option fitted				0			
Alarm 2 - Relay output				1			
<b>Output Slot 2*</b>							
No option fitted					0		
Analogue DC Re-Transmit PV					3		
<b>Options</b>							
No option fitted						0	
RS 485 Coms (extended West ASCII protocol)						5	
Digital input						6	
<b>Power supply</b>							
90-264V AC line supply							0
24-48V AC or DC line supply							2



Model Number	N4400Z	x	x	x	x	xx	xxx	Sxx
<b>Input type</b>								
3 Wire RTD or DC mV		1						
Thermocouple		2						
DC mA		3						
DC Voltage		4						
<b>Output 1</b>								
Relay Control output		1						
DC for SSR Control output		2						
DC 0-10V Control output		3						
DC 0-20mA Control output		4						
DC 0-5V Control output		5						
DC 4-20mA Control output		7						
<b>Output 2</b>								
Not fitted				0				
Relay Control Control or Alarm 2 output				1				
DC for SSR Control or Alarm 2 output				2				
DC 0-10V Control output				3				
DC 0-20mA Control output				4				
DC 0-5V Control output				5				
DC 4-20mA Control output				7				
<b>Output 3</b>								
Not fitted					0			
Relay Alarm 1 output					1			
DC for SSR Alarm 1 output					2			
DC 0-10V Re-Transmit PV or SP					3			
DC 0-20mA Re-Transmit PV or SP					4			
DC 0-5V Re-Transmit PV or SP					5			
DC 4-20mA Re-Transmit PV or SP					7	-	-	-
<b>Options and Power Supply</b>								
No Options/90-264V AC line supply						00		
No Options/24-48V AC or DC line supply						02		
RS485 Serial Comms/90-264V AC line supply						10		
RS485 Serial Comms/24-48V AC or DC line supply						12	-	-
<b>Advanced Options</b>								
Not fitted							000	
Real Time Clock							001	
Remote Programme Control							010	
4 Event Outputs							100	
Real Time Clock/Remote Programme Control							011	
Real Time Clock/4 Event Outputs							101	
4 Event Outputs/Remote Programme Control							110	

Real Time Clock/4 Event Outputs/Remote Programme Control								111	
<b>Special Variants</b>									
Special variant not required									Blank
10V DC SSR outputs (requires output code(s) 2 above)									S14

<b>Model Number</b>	<b>N8600</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>x</b>	<b>xx</b>
<b>Input type</b>						
3 Wire RTD		1				
Thermocouple		2				
<b>Output 1</b>						
Relay Control output		1				
DC for SSR Control output		2				
Triac Control output		8				
<b>Output 2 and 4</b>						
Not fitted				0		
Relay Control, Alarm 2 or Heater Break output				1		
DC for SSR Control or Alarm 2 output				2		
Triac Control output				8		
Dual relay control or Alarm 2 and heater break output				9		
<b>Output 3</b>						
Not fitted					0	
Relay Alarm 1 or Heater Break output					1	
DC 0-10V Re-Transmit PV or SP					3	
DC 0-20mA Re-Transmit PV or SP					4	
DC 0-5V Re-Transmit PV or SP					5	
DC 4-20mA Re-Transmit PV or SP					7	
<b>Options and Power Supply</b>						
No Options/90-264V AC line supply						00
No Options/24-48V AC or DC line supply						02
RS485 Serial Comms/90-264V AC line supply						10
RS485 Serial Comms/24-48V AC or DC line supply						12
Dual Setpoint or Heater Current Transfer/90-264V AC line supply						30
Dual Setpoint or Heater Current Transfer/24-48V AC or DC supply						32
<b>Current Transformers (order separately)</b>						
25 Amp	<b>85258</b>					
50 Amp	<b>85259</b>					
100 Amp	<b>85260</b>					
DIN Rail Mount for CT	<b>CT-DIN-CLIP</b>					



Model Number	N6600	x	x	x	x	xx
<b>Input type</b>						
3 Wire RTD		1				
Thermocouple		2				
<b>Output 1</b>						
Relay Control output			1			
DC for SSR Control output			2			
<b>Output 2 and 4</b>						
Not fitted				0		
Relay Control, Alarm 2 or Heater Break output				1		
DC for SSR Control or Alarm 2 output				2		
Triac control output				8		
Dual relay control or Alarm 2 and Heater Break Outputs				9		
<b>Output 3</b>						
Not fitted					0	
Relay Alarm 1 or Heater Break output					1	
DC 0-10V Re-Transmit PV or SP					3	
DC 0-20mA Re-Transmit PV or SP					4	
DC 0-5V Re-Transmit PV or SP					5	
DC 4-20mA Re-Transmit PV or SP					7	
<b>Options and Power Supply</b>						
No Options/90-264V AC line supply						00
No Options/24-48V AC or DC line supply						02
RS485 Serial Comms/90-264V AC line supply						10
RS485 Serial Comms/24-48V AC or DC line supply						12
Dual Setpoint or Heater Current Transfer/90-264V AC line supply						30
Dual Setpoint or Heater Current Transfer/24-48V AC or DC supply						32
<b>Current Transformers (order separately)</b>						
25 Amp	85258					
50 Amp	85259					
100 Amp	85260					
DIN Rail Mount for CT	CT-DIN-CLIP					

Model Number	ECO11	xx	x	x
<b>Output type</b>				
Indicator only		00		
Indicator + Alarm 1 (Relay)		01		
Indicator + Alarm 1 (SSR)		02		
Controller (Relay) + Alarm 1 (SSR)		12		
Controller (SSR) + Alarm 1 (Relay)		21		
<b>Option</b>				
No option fitted			0	
Alarm 2 - Relay output (not available if output type = 00)			1	
RS 485 Comms (MODBUS Protocol)			2	
<b>Display colour and power supply</b>				
Green display/90-264V AC line supply				0
Red display/90-264V AC line supply				1
Green display/12-30V DC/24 AC line supply				2
Red display/12-30V DC/24 AC line supply				3