VERIS INDUSTRIES ™

UK DECLARATION OF CONFORMITY

We : MANUFACTURER
VERIS INDUSTRIES LLC
12345 SW Leveton Drive
Tualatin, Oregon 97062 – USA

UK REPRESENTATIVE
Schneider Electric Limited
Stafford Park 5
Telford, TF3 3BL - United Kingdom

Hereby declare under our sole responsibility that the products:

Trademark	VERIS INDUSTRIES LLC
Product, Type	The E30xx series and E31xx series High Density Meter
List of reference and options	See next pages

Are in conformity with the requirements of the following regulations, which was demonstrated by application the following designated standards.

Regulation	Designated standard / Notified body reference
Electrical Equipment (Safety) Regulations SI 2016 No. 1101	BS EN 61010-1:2010+A1:2019 BS EN 61010-2-030:2010
The Electromagnetic Compatibility Regulations SI 2016 No. 1091	BS EN 61326-1:2013 BS EN 61000-6-2:2019 BS EN 61000-6-4:2007+A1:2011
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 SI 2012 No. 3032 + SI 2019 No. 492	BS EN IEC 63000:2018

Subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions and to accepted rules of the art.
This declaration becomes invalid in the case of any modification to the products not authorized by us.

Person in charge of the documentation (Manufacturer):
Kumudha V
Schneider Electric Pvt. Ltd.
12A, Attibele Industrial Area,
Neralur (PO), Bangalore -562107 - India

Issued at Telford - United Kingdom (Importer): date & Signature:

DocuSigned by:

David Williams
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Name : **David WILLIAMS**
VP Marketing UK&I
Zone UK & Ireland

Internal

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(other current sensor strip sizes available)

The E30 series consists of a data acquisition board and up to 4x 21-unit current sensor strips, with 8x auxiliary inputs. The strips are mounted on each side of the panel board along the termination points of each breaker. The conductor passes through the appropriate current sensor before terminating at the breaker. Each strip transmits the current data to the data acquisition board.

The E31 Series is designed to measure the current, and on some models, voltage and energy consumption of up to 92 circuits (84 branch circuits, 2 3-phase mains, 2 neutrals) on a single board. One E31 can monitor up to two panels. The E31 consists of a data acquisition board and up to 84 split-core current sensors (50 A, 100 A, or 200 A), with 8x auxiliary inputs. Each conductor passes through a current sensor and terminates at the breaker. Each sensor transmits the current data to the data acquisition board. Data is transmitted using an RS-485 Modbus protocol. Each data acquisition board requires two addresses, one for each set of 42 current sensors and four auxiliary inputs. Data is updated roughly every two seconds. As a circuit approaches the user-defined threshold, the E31 activates the alarm indicators. The E31 can easily accommodate different panel configurations, including any combination of multi-phase breaker positions, voltage phase mapping, and breaker sizes.

Annex : Applied BS standards

Series	Commercial reference(s)	UKCA marking initial application date	Applicable standards
E30 series High density metering - solid core	E30vxyz	1st August 2022	**As Meter:** ■ BS EN 61326-1:2013 ■ BS EN 61000-6-2: 2005+AC:2005 ■ BS EN 61000-6-4:2007+A1:2011 ■ BS EN 61010-1:2010+A1:2019 ■ BS EN 61010-2-030:2010 ■ BS EN IEC 63000:2018
E31 series High density metering - split core	E31xyyy		
Accessories (Ribbon Cables)	CBL0xx		
Accessories (Adaptor board)	AE001 AE006		
Accessories Split core CT's (Optional)	H6803R-0100		

E30vxyz:
v = Type = [A, B, C, E] where A = Advanced, B = Intermediate, C = Basic & E = Ethernet
x = CT option = [0, 1, 2] or 100A & spacing of ¾", 1" or 18 mm respectively
y = # of CTs = [24*, 36*, 42, 48*, 72*, 84] where * denotes only 18mm spacing is supported
z = Y for ribbon cable with subsequent numbers distinguishing the ribbon cable length. See the product datasheet for additional details.

E31xyyy:
x = Type = [A, B, C, E] where A = Advanced, B = Intermediate, C = Basic & E = Ethernet
yyy = CT option = [002,004, 42, 84] where:
       002 = 2 adapter boards, no CTs, no cables
       004 = 4 adapter boards, no CTs, no cables
       42 = 2 adapter boards, 42 50A CTs, 2 4 ft. round ribbon cables
       84 = 4 adapter boards, 84 50A CTs, 4 4 ft. round ribbon cables
Additional fields :
E31CTDB = E31xx adapter board , Y63 = 2 adapter boards, 2x ribbon cables, pre-assembled on one bracket, no CTs
MB = Main Board & F1 = Mounting kits for adaptor boards

CBL0xx:
xx = denotes the length of the cable. See the product datasheet for additional details.