



UK DECLARATION OF CONFORMITY

We : MANUFACTURER
Schneider Electric Industries SAS
35 rue Joseph Monier
Rueil Malmaison 92500 – France

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

Hereby declare under our sole responsibility that the products:

Trademark	Schneider Electric
Product, Type	PowerLogic PFC Detuned Reactors, EasyLogic PFC Detuned Reactors
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 60076-6:2008 BS EN IEC 61558-1:2019
The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 SI 2012 No. 3032	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):

Gnanaprakasham E,
 Schneider Electric Private Limited,
 No 12A , Hosur Road Neralur Post
 Attibele Industrial Area
 Bangalore, Karnataka, 562107
 India.


Issued at Telford - United Kingdom (Representative): Date & Signature 2-Jun-2022

DocuSigned by:

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



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	<p>Both PowerLogic PFC Detuned Reactors and EasyLogic PFC Detuned Reactors should be associated with capacitor banks for Power Factor Correction in systems with significant non-linear loads, generating harmonics. Capacitors and reactors are configured in a series resonant circuit, tuned so that the series resonant frequency is below the lowest harmonic frequency present in the system.</p> <p>For this reason, this configuration is usually called "Detuned Capacitor Bank", and the reactors are referred to as "Detuned Reactors".</p> <p>The use of detuned reactors thus prevents harmonic resonance problems, avoids the risk of overloading the capacitors and helps reduce voltage harmonic distortion in the network.</p>
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Annex : Applied BS standards

Commercial name(s)	Commercial reference(s)	CE marking application date	Applicable standards
PowerLogic PFC Detuned Reactor	LVR[ww][xxx][y][zz]T	2021	<i>As low voltage detuned reactorLV directive</i>
EasyLogic PFC Detuned Reactor	LVR[ww][xxx][y][zz]LO	2022	<ul style="list-style-type: none"> ■ BS EN 60076-6:2008 ■ BS EN IEC 61558-1:2019

Where:

ww stands for the tuning frequency
xxx stands for the step power
y stands for the frequency
zz stands for the voltage
T stands for the black varnish
LO stands for the transparent varnish