

EU DECLARATION OF CONFORMITY No. DEC0076 & 76a iss 4

We **Hager Engineering Limited**

Declare that the product(s)

Designation

Invicta 3 TPN

Type reference(s)

JK1 & JK2

Trademark

Hager

is (are) in conformity with the relevant Union harmonization legislation:

- Directive on the Restriction of the use of certain Hazardous Substances (RoHS) N° 2011/65/EU amended by N° (EU) 2015/863
- Electromagnetic Compatibility Directive (EMC) N° 2014/30/EU
- Low Voltage Directive (LVD) N° 2014/35/EU

Standard(s) and/or relevant document(s)

Standard number + relevant amendments together with the edition dates

**BS EN 61439-3 Incorporating Corrigenda September 2013 and December 2015
EN 63000**

If applicable, mention here for radio products, the data about notified body. See RED directive - Annex VI - point 7

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

Name of signatory

Paul Sayer

Function of signatory

Technical Standards Manager

Place and date

Telford UK 06/12/2019

Signature



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Type references

Invicta 3 125A TPN	No. of outgoing circuits	Description
JK104B(G)	4	Invicta 3 TPN 125A rating /nA Main Dist. Board
JK106B(G)	6	Invicta 3 TPN 125A rating /nA Main Dist. Board
JK108B(G)	8	Invicta 3 TPN 125A rating /nA Main Dist. Board
JK112B(G)	12	Invicta 3 TPN 125A rating /nA Main Dist. Board
JK116B(G)	16	Invicta 3 TPN 125A rating /nA Main Dist. Board
JK118B(G)	18	Invicta 3 TPN 125A rating /nA Main Dist. Board
JK124B(G)	24	Invicta 3 TPN 125A rating /nA Main Dist. Board

Invicta 3 125A TPN	No. of outgoing circuits	Description
JK104BGSPD	4	Invicta 3 TPN 125A rating /nA Main Dist. Board c/w 125A 4P Swd T2 SPD
JK106BGSPD	6	Invicta 3 TPN 125A rating /nA Main Dist. Board c/w 125A 4P Swd T2 SPD
JK108BGSPD	8	Invicta 3 TPN 125A rating /nA Main Dist. Board c/w 125A 4P Swd T2 SPD
JK112BGSPD	12	Invicta 3 TPN 125A rating /nA Main Dist. Board c/w 125A 4P Swd T2 SPD
JK116BGSPD	16	Invicta 3 TPN 125A rating /nA Main Dist. Board c/w 125A 4P Swd T2 SPD
JK118BGSPD	18	Invicta 3 TPN 125A rating /nA Main Dist. Board c/w 125A 4P Swd T2 SPD
JK124BGSPD	24	Invicta 3 TPN 125A rating /nA Main Dist. Board c/w 125A 4P Swd T2 SPD

Invicta 3 TPN Incomer Kit	Description
JK10634RH	4 Pole 63A 30mA RCCB Incomer Kit
JK11004RL	4 Pole 100A 300mA RCCB Incomer Kit
JK11004RLD	4 Pole 100A 300mA Time Delayed RCCB Incomer Kit
JK11004RM	4 Pole 100A 100mA RCCB Incomer Kit
JK11004RMD	4 Pole 100A 100mA Time Delayed RCCB Incomer Kit
JK11003S	3 Pole 100A Switch Disconnecter Incomer Kit
JK11004S	4 Pole 100A Switch Disconnecter Incomer Kit
JK11253S	3 Pole 125A Switch Disconnecter Incomer Kit
JK11254D	4 Pole 125A Switch Disconnecter Incomer Kit
Invicta 3 TPN Outgoing Devices	Description
	0.5A – 63A mcb type B, C, & D 6 – 50A rcbo type B, C

Invicta 3 125A TPN	Description
JK140PM	Multifunctional meter pack 125A Pulsed & Modbus
JKD1125MID	JK1 meterpack 125A MID Meter Enclosed Extension Box

Invicta 3 125A Surge Protection Kit	Description
JK101SPD	JK1 Type 1/2 125A Surge Protection Kit
JK102SPD	JK1 Type 2 125A Surge Protection Kit

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Invicta 3 250A TPN	No. of outgoing circuits	Description
JK208B(G)	8	Invicta 3 TPN 250A rating /nA Main Dist. Board
JK212B(G)	12	Invicta 3 TPN 250A rating /nA Main Dist. Board
JK216B(G)	16	Invicta 3 TPN 250A rating /nA Main Dist. Board
JK218B(G)	18	Invicta 3 TPN 250A rating /nA Main Dist. Board
JK224B(G)	24	Invicta 3 TPN 250A rating /nA Main Dist. Board

Invicta 3 TPN Incomer Kit	Description
JK22504D	4 Pole 250A Direct Connection Kit
JK22503M	3 Pole 250A MCCB Incomer Kit 3P
JK22504M	4 Pole 250A MCCB Incomer Kit 4P
JK22503S	3 Pole 250A Switch Disconnecter Incomer Kit 3P
JK22504MCS	4 Pole 250A MCS Incomer Kit 4P
JK21253M	3 Pole 125A MCCB Incomer Kit 3P
JK21254M	4 Pole 125A MCCB Incomer Kit 4P
JK21604C	4 Pole 160A Contactor Incomer Kit Includes Switch Disconnecter
Invicta 3 TPN Outgoing Devices	Description
	0.5A – 63A mcb type B, C, & D
	6 – 50A rcbo type B, C

Invicta 3 250A TPN	Description
JK240PM	Multifunctional meter pack 250A Pulsed & Modbus
JK201PM	JK2 Meterpack 250A Pluggable Meter Kit

Invicta 3 250A Surge Protection Kit	Description
JK201SPD	JK2 Type 1/2 250A Surge Protection Kit
JK202SPD	JK2 Type 2 250A Surge Protection Kit

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Evidence (s)

Documents listed below have been used in order to establish the conformity to the essential requirements of the relevant directives

Hager UK Test certificate G1866-2a Enclosed Distribution board (DBO) three phase & Neutral rated 125A & 250A

Hager General Test report G2057a JK2 TPN SPD Kits T1/2 & T2

Hager General Test report G2068a JK1 TPN range c/w Surge Protection device + Kits T1/2 & T2

Hager General Test report G2097 125A MID meter enclosed Extension box

Hager Group EU Declaration of Conformity No 19.1516.06.19 Switch Disconnecter

Hager Group EU Declaration of Conformity No 18.1306.11.18 10kA RCBO

Hager Group EU Declaration of Conformity No 18.1665.11.18 10kA MCB's

Hager Group EU Declaration of Conformity No 19.1427.01.19 250A MCCB

Hager Group EU Declaration of Conformity No 19.1696.06.19 100A RCCB

Rayleigh Instruments EU Declaration of Conformity EU2017-003-V02 Energy Meter

Rayleigh Instruments EU Declaration of Conformity EU2017-001-V02 LV Current Transformer

Rayleigh Instruments EU Declaration of Conformity EU2019-046-V01 MID Meter

Rayleigh Instruments Declaration of Conformity to EU RoHS

Phoenix Contact EU Declaration of Conformity No. 83160651.04

Phoenix Contact EU Declaration of Conformity No. 83160669.02

Phoenix Contact EU Declaration of Conformity No. 83215369.00 (T1+T2)

Phoenix Contact RoHS Declaration of Compliance product No. 2905340

Phoenix Contact RoHS Declaration of Compliance product No. 2905470

Hager Group RoHS risk analysis DMS045428 v4.

Routine Test program for Invicta 3 125A & 250A TPN DBO's

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Evidence (s)

Documents listed below have been used in order to establish the conformity to the essential requirements of the relevant directives

ESO ⁽¹⁾	Reference and title of the standard (and reference document)	First publication OJ	Reference of superseded standard	Date of cessation of presumption of conformity of superseded standard Note 1
(1)	(2)	(3)	(4)	(5)
Cenelec	EN 61439-3:2012 Low-voltage switchgear and controlgear assemblies — Part 3: Distribution boards intended to be operated by ordinary persons (DBO) IEC 61439-3:2012	8.7.2016		

EMC OJ (2018/C 246/01)

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(1)	(2)	(3)	(4)	(5)
Cenelec	EN 61439-3:2012 Low-voltage switchgear and controlgear assemblies — Part 3: Distribution boards intended to be operated by ordinary persons (DBO) IEC 61439-3:2012	13.5.2016		