


EU – Declaration of Conformity

Document number / Month.Year: 1000000156.05 / 09.2018

We: Schneider Electric Automation GmbH
Subsidiary of Schneider Electric SE (FR 92500 Rueil-Malmaison)
 Schneiderplatz 1
 97828 Marktheidenfeld
 Germany

Hereby declare that this declaration of conformity is issued under our sole responsibility as manufacturer and that the product(s):


Trademark:	Schneider Electric 
Product, Type, Function:	Lexium BRS 3 phase stepper motor
Models:	BRS36 series, BRS39 series, BRS3A series (Details see list of models)
Serial Number:	YYZZXXXXXX (YY: Year + 10, ZZ: Factory code; XXXXXX: Continuous number)

is/are in conformity with the requirements of the following directives and conformity was checked in accordance with the following standards:

Directive	Harmonized Standard
DIRECTIVE 2014/35/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL¹ of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits	EN 60034-1:2010 Rotating electrical machines - Part 1: Rating and performance EN 60034-5:2001 + A1:2007 Rotating electrical machines - Part 5: Degrees of protection provided by integral design of rotating electrical machines (IP code) - Classification EN 61800-5-1:2007 Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy
DIRECTIVE 2014/30/EU OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility (recast)	EN 61800-3:2004 + A1:2012 Adjustable speed electrical power drive systems -- Part 3: EMC requirements and specific test methods

It is important that the component is subject to correct installation, maintenance and use conforming to its intended purpose, to the applicable regulations and standards, to the supplier's instructions, user manual and to the accepted rules of the art.

Issued at: Marktheidenfeld - Germany, 17th September 2018


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¹ Only for winding type N and W

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Nomenclature:

	BRS3	6	8	W	1	3	0	A	B	A
Product family 3-phase stepper motors										
Motor size 6 = 57.2 mm flange										
Length 4 = 42 mm ¹⁾ 6 = 55 mm ¹⁾ 8 = 79 mm										
Winding F = 48 V _{dc} H = 48 V _{dc} N = 130 V _{dc} W = 325 V _{dc}										
Mechanical interface - shaft and degree of protection 0 = Smooth shaft 6.35 mm; degree of protection: shaft bushing IP 41, housing IP 56 1 = Smooth shaft 8 mm; degree of protection: shaft bushing IP 41, housing IP 56 S = Customized version										
Mechanical interface - centering collar 3 = 38 mm										
Encoder 0 = Without encoder 1 = Incremental encoder (1000 pulses/revolution)										
Holding brake A = Without holding brake F = With holding brake										
Connection version A = Flying leads version ¹⁾ B = Terminal box C = Connector										
Second shaft end A = Without second shaft end B = With second shaft end ²⁾										

1) Not for W windings

2) Only available for motors without a holding brake.

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BRS3 9 7 W 2 6 0 A B A

Product family
3-phase stepper motors

Motor size
9 = 85 mm flange

Length
7 = 68 mm
A = 98 mm
B = 128 mm

Winding
F = 48 V_{dc}
H = 48 V_{dc}
N = 130 V_{dc}
W = 325 V_{dc}

Mechanical interface - shaft and degree of protection

- 2 = Smooth shaft 9.5 mm; degree of protection: shaft bushing IP 41, housing IP 56¹⁾
- 3 = Smooth shaft 12 mm; degree of protection: shaft bushing IP 41, housing IP 56¹⁾
- 4 = Smooth shaft 14 mm; degree of protection: shaft bushing IP 41, housing IP 56²⁾
- 5 = Woodruff key 9.5 mm; degree of protection: shaft bushing IP 41, housing IP 56¹⁾
- 6 = Woodruff key 12 mm; degree of protection: shaft bushing IP 41, housing IP 56¹⁾
- 7 = Woodruff key 14 mm; degree of protection: shaft bushing IP 41, housing IP 56²⁾
- A = Smooth shaft 9.5 mm; degree of protection: shaft bushing IP 56³⁾, housing IP 56¹⁾
- B = Smooth shaft 12 mm; degree of protection: shaft bushing IP 56³⁾, housing IP 56¹⁾
- C = Smooth shaft 14 mm; degree of protection: shaft bushing IP 56³⁾, housing IP 56²⁾
- K = Woodruff key 9.5 mm; degree of protection: shaft bushing IP 56³⁾, housing IP 56¹⁾
- L = Woodruff key 12 mm; degree of protection: shaft bushing IP 56³⁾, housing IP 56¹⁾
- M = Woodruff key 14 mm; degree of protection: shaft bushing IP 56³⁾, housing IP 56²⁾
- S = Customized version

Mechanical interface - centering collar

- 6 = 60 mm
- 7 = 73 mm

Encoder

- 0 = Without encoder
- 1 = Incremental encoder (1000 pulses/revolution)

Holding brake

- A = Without holding brake
- F = With holding brake

Connection version

- A = Flying leads version⁴⁾
- B = Terminal box
- C = Connector

Second shaft end

- A = Without second shaft end
- B = With second shaft end⁵⁾

- 1) Only available for lengths 7 and A.
- 2) Only available for length B.
- 3) Degree of protection IP56 is reached with a shaft sealing ring. If a shaft sealing ring is used, the maximum speed of rotation must be limited to 3000 min⁻¹.
- 4) Not available for W windings
- 5) Only available for motors without a holding brake.

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	BRS3	A	C	W	8	5	0	A	B	A
Product family 3-phase stepper motors										
Motor size A = 110 mm flange										
Length C = 180 mm D = 230 mm										
Winding W = 325 V _{dc}										
Mechanical interface - shaft and degree of protection 8 = Parallel key 19 mm; degree of protection: shaft bushing IP 41, housing IP 56 S = Customized version										
Mechanical interface - centering collar 5 = 56 mm										
Encoder 0 = Without encoder 1 = Incremental encoder (1000 pulses/revolution)										
Holding brake A = Without holding brake F = With holding brake										
Connection version B = Terminal box C = Connector										
Second shaft end A = Without second shaft end B = With second shaft end ¹⁾										

1) Only available for motors without a holding brake.

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List of Models:

Commercial Reference				
BRS364H030AAA	BRS368H130ABB	BRS368WS0370	BRS397NS0010	BRS397WB60ACA
BRS364H030AAB	BRS368H130ACA	BRS368WS0431	BRS397NS0011	BRS397WB61ACA
BRS364H030ABA	BRS368H130ACB	BRS368WS0499	BRS397NS0213	BRS397WB61FCA
BRS364H030ABB	BRS368H130FBA	BRS368WS0585	BRS397W260ABA	BRS397WB70ACA
BRS364H030ACA	BRS368H130FCA	BRS368WS0684	BRS397W261FCA	BRS397WE70ABA
BRS364H030ACB	BRS368H131ACA	BRS368WS0715	BRS397W270ABA	BRS397WL60ABA
BRS364H030FBA	BRS368H131FCA	BRS368WS0740	BRS397W270ABB	BRS397WL60ACA
BRS364H030FCA	BRS368HS0028	BRS368WS0788	BRS397W270ACA	BRS397WS0058
BRS364H031ACA	BRS368HS0047	BRS368WS0864	BRS397W270ACB	BRS397WS0061
BRS364H031ACB	BRS368HS0209	BRS397H260AAA	BRS397W270FBA	BRS397WS0112
BRS364H031FCA	BRS368HS0210	BRS397H260ABA	BRS397W271ACA	BRS397WS0223
BRS364HE30AAA	BRS368N130AAA	BRS397H270ACA	BRS397W271ACB	BRS397WS0226
BRS364HS0002	BRS368N130ABA	BRS397H360AAA	BRS397W271FCA	BRS397WS0380
BRS364HS0191	BRS368N130ABB	BRS397H360AAB	BRS397W360ABA	BRS397WS0382
BRS366F030ABA	BRS368N130ACA	BRS397H360ABA	BRS397W360ABB	BRS397WS0384
BRS366H030AAA	BRS368N130FBA	BRS397H360ABB	BRS397W360ACA	BRS397WS0691
BRS366H030AAB	BRS368N131ACA	BRS397H360ACB	BRS397W360FCA	BRS397WS0836
BRS366H030ABA	BRS368N131FCA	BRS397H360FBA	BRS397W361ACA	BRS397WS0868
BRS366H030ABB	BRS368NS0443	BRS397H361ACA	BRS397W361FCA	BRS39AH260ACA
BRS366H030ACA	BRS368W130ABA	BRS397H361FCA	BRS397W370ABA	BRS39AH270AAA
BRS366H030ACB	BRS368W130ACA	BRS397H370AAA	BRS397W370ABB	BRS39AH360AAA
BRS366H030FBA	BRS368W130ACB	BRS397H560AAA	BRS397W370ACA	BRS39AH360AAB
BRS366H030FCA	BRS368W130FBA	BRS397H560ABA	BRS397W370ACB	BRS39AH360ABA
BRS366H031ACA	BRS368W130FCA	BRS397H660AAA	BRS397W370FCA	BRS39AH360ABB
BRS366H031ACB	BRS368W131ACA	BRS397H660AAB	BRS397W371FCA	BRS39AH360ACA
BRS366H031FCA	BRS368W131ACB	BRS397H660ABA	BRS397W560ABA	BRS39AH360FBA
BRS366HS0004	BRS368W131FCA	BRS397H660FBA	BRS397W560ACB	BRS39AH360FCA
BRS366HS0005	BRS368WE30ABA	BRS397H660FCA	BRS397W570ABA	BRS39AH361ACA
BRS366HS0194	BRS368WE30ACA	BRS397H670ABA	BRS397W570ACA	BRS39AH361FCA
BRS366HS0197	BRS368WE31ACA	BRS397H670FBA	BRS397W571FCA	BRS39AH560AAA
BRS366HS0604	BRS368WS0007	BRS397HS0078	BRS397W660ABA	BRS39AH560ABA
BRS366N030AAA	BRS368WS0026	BRS397HS0228	BRS397W660ACA	BRS39AH570ABB
BRS366N030ABA	BRS368WS0043	BRS397HS0867	BRS397W660ACB	BRS39AH660AAA
BRS366NS0099	BRS368WS0044	BRS397N270AAA	BRS397W660FBA	BRS39AH660AAB
BRS366NS0100	BRS368WS0107	BRS397N270ABA	BRS397W661ACA	BRS39AH660ABA
BRS366NS0193	BRS368WS0202	BRS397N360AAA	BRS397W661ACB	BRS39AH660ABB
BRS368F130AAA	BRS368WS0315	BRS397N360ABA	BRS397W661FCA	BRS39AH660FBA
BRS368H130AAA	BRS368WS0333	BRS397N360FBA	BRS397WA70ABA	BRS39AHS0033
BRS368H130AAB	BRS368WS0368	BRS397N361ACA	BRS397WA70ACA	BRS39AHS0174
BRS368H130ABA	BRS368WS0369	BRS397N660ABA	BRS397WB60ABA	BRS39AHS0248

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BRS39AHS0464	BRS39AW361FCA	BRS39AWS0329	BRS39BW460ABB	BRS39BWM61ACA
BRS39AHS0764	BRS39AW370ABA	BRS39AWS0345	BRS39BW460ACA	BRS39BWM70ABA
BRS39AHS0801	BRS39AW370ABB	BRS39AWS0379	BRS39BW460ACB	BRS39BWM70ACA
BRS39AHS0878	BRS39AW370ACA	BRS39AWS0382	BRS39BW460FBA	BRS39BWM71ACA
BRS39AN270AAA	BRS39AW371ACA	BRS39AWS0396	BRS39BW460FCA	BRS39BWS0021
BRS39AN270ABA	BRS39AW371FCA	BRS39AWS0474	BRS39BW461ACA	BRS39BWS0090
BRS39AN271ACA	BRS39AW560ABA	BRS39AWS0475	BRS39BW461ACB	BRS39BWS0255
BRS39AN360AAA	BRS39AW560ABB	BRS39AWS0514	BRS39BW461FCA	BRS39BWS0256
BRS39AN360ABA	BRS39AW560ACA	BRS39AWS0608	BRS39BW470ABA	BRS39BWS0260
BRS39AN360ACA	BRS39AW560ACB	BRS39AWS0676	BRS39BW470ABB	BRS39BWS0350
BRS39AN360FBA	BRS39AW561ACA	BRS39AWS0758	BRS39BW470ACA	BRS39BWS0351
BRS39AN361ACA	BRS39AW561FCA	BRS39AWS0771	BRS39BW470ACB	BRS39BWS0354
BRS39AN370ABA	BRS39AW570ABA	BRS39AWS0817	BRS39BW470FBA	BRS39BWS0390
BRS39AN560ABA	BRS39AW660ABA	BRS39AWS0889	BRS39BW470FCA	BRS39BWS0392
BRS39AN660ABA	BRS39AW660ACA	BRS39BF760ABA	BRS39BW471ACA	BRS39BWS0393
BRS39ANA70ABA	BRS39AW660ACB	BRS39BH460AAA	BRS39BW471FCA	BRS39BWS0398
BRS39ANK60ABA	BRS39AW660FBA	BRS39BH460ABA	BRS39BW760ABA	BRS39BWS0409
BRS39ANS0230	BRS39AW660FCA	BRS39BH460ACA	BRS39BW760ABB	BRS39BWS0410
BRS39ANS0234	BRS39AW661ACA	BRS39BH460ACB	BRS39BW760ACA	BRS39BWS0415
BRS39ANS0235	BRS39AW661FCA	BRS39BH460FBA	BRS39BW760ACB	BRS39BWS0469
BRS39ANS0237	BRS39AW670ACA	BRS39BH461ACA	BRS39BW760FBA	BRS39BWS0487
BRS39ANS0238	BRS39AWA70ABA	BRS39BH470AAA	BRS39BW760FCA	BRS39BWS0488
BRS39ANS0885	BRS39AWA70ACA	BRS39BH760ABA	BRS39BW761ACA	BRS39BWS0541
BRS39AVS0251	BRS39AWB60ABA	BRS39BH760ACA	BRS39BW761ACB	BRS39BWS0571
BRS39AW260ABA	BRS39AWB60ABB	BRS39BHS0877	BRS39BW761FCA	BRS39BWS0622
BRS39AW260FBA	BRS39AWB60ACA	BRS39BN460AAA	BRS39BW770ABA	BRS39BWS0689
BRS39AW261ACB	BRS39AWB60FBA	BRS39BN460ABA	BRS39BW770ACA	BRS39BWS0713
BRS39AW270ABA	BRS39AWB70ABA	BRS39BN460FBA	BRS39BW771ACA	BRS39BWS0718
BRS39AW270ABB	BRS39AWL60ABA	BRS39BN461ACA	BRS39BW771FCA	BRS39BWS0766
BRS39AW270ACA	BRS39AWL60ACA	BRS39BN470AAA	BRS39BWC60ABA	BRS39BWS0767
BRS39AW270ACB	BRS39AWL60ACB	BRS39BN470ABA	BRS39BWC60ACA	BRS39BWS0851
BRS39AW270FBA	BRS39AWS0014	BRS39BN760AAA	BRS39BWC60FBA	BRS3ACSS0590
BRS39AW271ACA	BRS39AWS0015	BRS39BN760ABA	BRS39BWC60FCA	BRS3ACW850ABA
BRS39AW360ABA	BRS39AWS0017	BRS39BN760FBA	BRS39BWC61ACA	BRS3ACW850ABB
BRS39AW360ABB	BRS39AWS0063	BRS39BNS0020	BRS39BWC61FCA	BRS3ACW850ACA
BRS39AW360ACA	BRS39AWS0086	BRS39BNS0254	BRS39BWC70ABA	BRS3ACW850ACB
BRS39AW360ACB	BRS39AWS0088	BRS39BNS0483	BRS39BWC70ACA	BRS3ACW850FBA
BRS39AW360FBA	BRS39AWS0170	BRS39BNS0485	BRS39BWC71FCA	BRS3ACW850FCA
BRS39AW360FCA	BRS39AWS0240	BRS39BNS0879	BRS39BWE70ABA	BRS3ACW851ACA
BRS39AW361ACA	BRS39AWS0241	BRS39BNS0883	BRS39BWM60ABA	BRS3ACW851FCA
BRS39AW361ACB	BRS39AWS0245	BRS39BW460ABA	BRS39BWM60ACA	BRS3ACW950ABA

