

# Safenet Certification Services Ltd.

Ducart Suite, Castletroy Park Commercial Campus, Limerick, V94 Y6FD, Ireland

Tel: +353 61 50 2046

e-mail: office@safenetcs.ie

Website: www.safenetcs.ie

## Certificate of Conformity

This is to certify that

### Echu Special Wire & Cable (KunShan) Co., Ltd.

No. 59, Yuanqu Road, Zhouzhuang Town, Kunshan City, Suzhou City, Jiangsu Province, China

Has had a range of Plastic Insulated & Sheathed Cables examined with regard to the Low Voltage Directive 2014/35/EU.

With reference to model **H05VV-F**

Manufactured by:

### Echu Special Wire & Cable (KunShan) Co., Ltd.

No. 59, Yuanqu Road, Zhouzhuang Town, Kunshan City, Suzhou City, Jiangsu Province, China

1. The technical documentation supplied contains all the relevant information.
2. Having verified that the appropriate tests have been conducted, with regard to the H05VV-F representing the range.
  - 2.1. The example has been manufactured in accordance with the technical documentation and may be used under the intended conditions.
  - 2.2. The standards and transposed standards as the case may be, have been applied correctly.
  - 2.3. The example has conformity with the Principle Elements of Safety Objectives of the Low Voltage Directive, 2014/35/EU.
  - 2.4. The technical file contains all the information required to include the models listed in the attached annex to this certificate.

Certificate Number: 2000270121

Date of Issue: 28/04/2021

Signed for Safenet Certification Services Ltd.



Peter McNicol  
Technical Manager



Low Voltage  
Directive  
2014/35/EU

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### Annex Certificate 2000270121

Models included:

Model	Spec	
BVV	≤300/500V 2~61*0.1~185mm <sup>2</sup>	Class1'2
60227 IEC 10(BVV)	300/500V 2~5*1.5~35mm <sup>2</sup>	Class1'2
60227 IEC 52(RVV)	300/300V 2~3*0.5~0.75mm <sup>2</sup>	Class5
60227 IEC 53(RVV)	300/500V 2~5*0.75~2.5mm <sup>2</sup>	Class5
60227 IEC 56(RVV-90)	300/300V 2~3*0.5~0.75mm <sup>2</sup>	Class5 ≤90°C
60227 IEC 57(RVV-90)	300/500V 2~5*0.75~2.5mm <sup>2</sup>	Class5 ≤90°C
RVV-NBR	≤450/750V 1-61*0.2~300mm <sup>2</sup>	Class5-6 ≤90°C
NH-RVV-NBR	≤450/750V 1-61*0.2~300mm <sup>2</sup>	Class5-6 ≤90°C
RVVP-NBR	≤450/750V 1-61*0.2~300mm <sup>2</sup>	Class5-6 ≤90°C
NH-RVVP-NBR	≤450/750V 1-61*0.2~300mm <sup>2</sup>	Class5-6
RVV-NBR-PUR	≤450/750V 1-61*0.2~300mm <sup>2</sup>	Class5-6 ≤90°C
NH-RVV-NBR-PUR	≤450/750V 1-61*0.2~300mm <sup>2</sup>	Class5-6 ≤90°C
RVV-NBR-TPE	≤450/750V 1-61*0.2~300mm <sup>2</sup>	Class5-6 ≤90°C
NH-RVV-NBR-TPE	≤450/750V 1-61*0.2~300mm <sup>2</sup>	Class5-6 ≤90°C
RVVY	≤300/500V 1-61*0.1~300mm <sup>2</sup>	Class5
RVVYP	≤300/500V 1-61*0.08~400mm <sup>2</sup>	Class5
KVVY	450/750V 2-30*0.5~400mm <sup>2</sup>	Class1-2
RVS	300/300V 2-30*0.5~6mm <sup>2</sup>	Class5
AVRS	300/300V 2*0.12~0.4mm <sup>2</sup>	Class5
AVVR	300/300V 2~61*0.1~0.4mm <sup>2</sup>	Class5
RVP	300/300V 1-2*0.1~95mm <sup>2</sup>	Class5
RVP-90	300/300V 1-2*0.1~95mm <sup>2</sup>	Class5
EV-SS	450/750V 2~40*0.5~150mm <sup>2</sup>	Class5-6
EV-SSPS	450/750V 2~40*0.5~150mm <sup>2</sup>	Class5-6
EV-S90S90	450/750V 2~40*0.5~150mm <sup>2</sup>	Class5-6 ≤90°C
EV-S90S90PS90	450/750V 2~40*0.5~150mm <sup>2</sup>	Class5-6 ≤90°C
EV-S90U	450/750V 2~40*0.5~150mm <sup>2</sup>	Class5-6 ≤90°C
EV-S90S90PU	450/750V 2~40*0.5~150mm <sup>2</sup>	Class5-6 ≤90°C
EV-S90UPU	450/750V 2~40*0.5~150mm <sup>2</sup>	Class5-6 ≤90°C
EV-DCSS	≤1500V 2~40*0.5~150mm <sup>2</sup>	Class5-6
EV-DCS90S90	≤1500V 2~40*0.5~150mm <sup>2</sup>	Class5-6 ≤90°C
EV-DCS90U	≤1500V 2~40*0.5~150mm <sup>2</sup>	Class5-6 ≤90°C
EKM51100	≤450/750V 2~61*0.1~240mm <sup>2</sup>	Class5-6
EKM71100	≤450/750V 2~61*0.1~240mm <sup>2</sup>	Class5-6
EKM71900	≤450/750V 2~61*0.1~240mm <sup>2</sup>	Class5-6
EKM70100	≤450/750V 2~61*0.1~240mm <sup>2</sup>	Class5-6
EKM70900	≤450/750V 2~61*0.1~240mm <sup>2</sup>	Class5-6
H05VV5-F	300/500V 2~61*0.5~70mm <sup>2</sup>	Class5
H03VV-F	300/300V 2~61*0.5~0.75mm <sup>2</sup>	Class5
H03V2V2-F	300/300V 2~61*0.5~0.75mm <sup>2</sup>	Class5
H05VV-F	300/500V 2~61*0.5~120mm <sup>2</sup>	Class5
H05V2V2-F	300/500V 2~61*0.5~120mm <sup>2</sup>	Class5
LiYY	300V 2~61*0.1~25mm <sup>2</sup>	Class5
LiFYY	300V 2~61*0.1~25mm <sup>2</sup>	Class5

Signed for Safenet Certification Services Ltd.

Peter McNicol  
Technical Manager



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LiYY-TP	300V 2~61*0.1~25mm2	Class5
LiYY11Y	300V 2~61*0.1~25mm2	Class5
Li2YY	300V 2~61*0.1~25mm2	Class5
LiHH	300V 2~61*0.1~25mm2	Class5
LiHH-TP	300V 2~61*0.1~25mm2	Class5
RVVS-NBR	≤300/500V 2~40*0.1~120mm2	Class5-6 ≤90°C
NH-RVVS-NBR	≤300/500V 2~40*0.1~120mm2	Class5-6 ≤90°C
RVVS-NBR-PUR	≤300/500V 2~40*0.1~120mm2	Class5-6 ≤90°C
NH-RVVS-NBR-PUR	≤300/500V 2~40*0.1~120mm2	Class5-6 ≤90°C
RVVS-NBR-TPE	≤300/500V 2~40*0.1~120mm2	Class5-6 ≤90°C
NH-RVVS-NBR-TPE	≤300/500V 2~40*0.1~120mm2	Class5-6 ≤90°C
BVVY	≤300/500V 2~40*0.1~120mm2	Class1-2
RVV	≤300/500V 2~61*0.1~120mm2	Class5
RVVSY	≤300/500V 2~61*0.1~120mm2	Class5
BVVSY	≤300/500V 2~61*0.1~120mm2	Class1-2
RVVS	≤300/500V 2~61*0.1~120mm2	Class5
BVVS	≤300/500V 2~61*0.1~120mm2	Class1-2
KVVY	450/750V 2~61*0.5~120mm2	Class1-2
KVVYR	450/750V 2~61*0.5~120mm2	Class5-6
NYV	600/1000V 2~61*0.5~120mm2	Class1-6
KVV	450/750V 2~61*0.5~120mm2	Class1-2
KVVR	450/750V 2~61*0.5~120mm2	Class5
ZR-KVVY	450/750V 2~61*0.5~120mm2	Class1-2
ZR-KVVYR	450/750V 2~61*0.5~120mm2	Class5
ZR-KVV	450/750V 2~61*0.5~120mm2	Class1-2
ZR-KVVR	450/750V 2~61*0.5~120mm2	Class5
KVVYS	450/750V 2~61*0.5~120mm2	Class1-2
KVVYSR	450/750V 2~61*0.5~120mm2	Class5
KVVS	450/750V 2~61*0.5~120mm2	Class1-2
KVVSr	450/750V 2~61*0.5~120mm2	Class5
WDZ-KYY	450/750V 1*0.5~300mm2	Class1-2 ≤90°C
WDZ-KYJY	450/750V 1*0.5~300mm2	Class1-2 ≤90°C
WDZ-KYYR	450/750V 1*0.5~300mm2	Class5 ≤90°C
WDZ-KYJYR	450/750V 1*0.5~300mm2	Class5 ≤90°C
WDZ-BYY	≤300/500V 1~61*0.1~300mm2	Class1-2 ≤90°C
WDZ-BYJY	≤300/500V 1~61*0.1~300mm2	Class1-2 ≤90°C
WDZ-BYJYJ-105~150	≤300/500V 1~61*0.1~300mm2	Class1-2 ≤90°C
WDZ-RYY	≤300/500V 1~61*0.1~300mm2	Class5 ≤90°C
WDZ-RYJY	≤300/500V 1~61*0.1~300mm2	Class5 ≤90°C
WDZ-RYJYJ-105~150	≤300/500V 1~61*0.1~300mm2	Class5 ≤90°C
WDZ-BYYS	≤300/500V 1~61*0.1~300mm2	Class1-2 ≤90°C
WDZ-BYJYS	≤300/500V 1~61*0.1~300mm2	Class1-2 ≤90°C
WDZ-BYJYS-105~150	≤300/500V 1~61*0.1~300mm2	Class1-2 ≤90°C
WDZ-RYYS	≤300/500V 1~61*0.1~300mm2	Class5 ≤90°C
WDZ-RYJYS	≤300/500V 1~61*0.1~300mm2	Class5 ≤90°C
WDZ-RYJYS-105~150	≤300/500V 1~61*0.1~300mm2	Class5
WDZ-KYJYJ-105~150	450/750V 1~61*0.1~300mm2	Class1-2
WDZ-KYJYJR-105~150	450/750V 1~61*0.1~300mm2	Class5
WDZ-KYYS	450/750V 1~61*0.1~300mm2	Class1-2 ≤90°C
WDZ-KYJYS	450/750V 1~61*0.1~300mm2	Class1-2 ≤90°C
WDZ-KYJYS-105~150	450/750V 1~61*0.1~300mm2	Class1-2
WDZ-KYYRS	450/750V 1~61*0.1~300mm2	Class5
WDZ-KYJYRS	450/750V 1~61*0.1~300mm2	Class5

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*P. McNicol*

Peter McNicol  
Technical Manager



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WDZ-KYJYJRS-105~150	450/750V1~61*0.1~300mm2	Class5
YVFR	≤450/750V1~61*0.1~10mm2	Class5
TRVV	≤0.6/1kV 1~61*0.1~120mm2	Class5*6
TRVVS	≤300/500V 2~40*0.1~35mm2	Class5*6
UTP	300/300V 2~30*0.08~0.5mm2	Class1
DJVV	300/500V 1-60*0.5-6.0mm	Class1-2
60227 IEC 71c(TVV)	≤450/750V 6~30*1.75~25mm2	Class5*6
60227 IEC 75(RVVY)	300/500V 2~61*0.5~2.5mm2	Class5
EKM51500	≤300/500V 1~61*0.75~16mm2	Class5*6
ROBOT-900P	≤300/500V 2~61*0.1~16mm2	Class5*6
LiYCY	300V 2~60*0.08~25mm2	Class5
LiYCY-TP	300V 2~60*0.08~25mm2	Class5
HO5VVC4V5-K	300/500V 2~60*0.5~120mm2	Class5
KVVP	450/750V 2~60*0.5-25mm2	Class1-2
DJYVVRP	300/500V 2~60*0.5-2.0mm2	Class5
RVVSP	300/300v 2~60*0.5-6.0mm2	Class5
BPVVRP	600/1000v 2~60*1.5-240mm2	Class5
ZR-RYV	300/500V 2~60*0.3-4.0mm2	Class5
Li2YCY	300/300V 2~60*0.1-1.5mm2	Class5
Li2YCY-TP	300/300V 2~60*0.1-1.5mm2	Class5
RS485	300/500V 1~4*0.2-2.5mm2	Class5
EKM71983	≤0.6/1kV 2~61*0.1-25mm2	Class5*6
EKM715983	≤0.6/1kV 2~61*0.1-1.5mm2	Class5*6
EKM71973	≤0.6/1kV 2~61*0.1-240mm2	Class5*6
EKM71583	≤0.6/1kV 2~61*0.1-1.5mm2	Class5*6
EKM71573	≤0.6/1kV 2~61*0.1-2.5mm2	Class5*6
EKM71383	≤0.6/1kV 2~61*0.1-35mm2	Class5*6
EKM71373	≤0.6/1kV 2~60*0.1-35mm2	Class5*6
TRVVP	≤0.6/1kV 2~60*0.1-50mm2	Class5*6
AF-200	≤0.6/1kV 2-37*0.014-35mm2	Class5*6
BPYVVRP	≤0.6/1kV 2-60*1.5-50mm2	Class5
2YSLCY	600/1000V 2-60*1.5-150mm2	Class5
VVRP	600V/1000V 1-60*0.75~300mm2	Class5
2464-1061	300/300V 2~60*0.1-35mm2	Class1-5
2464-1007	300/300V 2~60*0.1-35mm2	Class1-5
2586-1015	600V 2-60*0.1-300mm2	Class1-5
ZR-RVVP	≤450/750V 2~61*0.2-400mm2	Class5
ZR-AVVR	300/300V 2~61*0.1~0.4mm2	Class5
ZR-RVV	≤450/750V 2~61*0.2-400mm2	Class5
RVVP-PUR	≤450/750V 2~61*0.2-400mm2	Class5 ≤90°C
ROBOT-81900	≤600V 1-61*0.1-300mm2	Class5*6
ROBOT-81973	≤600V 1-61*0.1-300mm2	Class5*6
ROBOT-81983	≤600V 1-61*0.1-300mm2	Class5*6
ROBOT-815973	≤600V1-61*0.1-300mm2	Class5*6
ROBOT-815983	≤600V1-61*0.1-300mm2	Class5*6
ROBOT-81974	≤600V 1-61*0.1-300mm2	Class5*6
ROBOT-81984	≤600V1-61*0.1-300mm2	Class5*6
ROBOT-815974	≤600V1-61*0.1-300mm2	Class5*6
ROBOT-815984	≤600V 1-61*0.1-300mm2	Class5*6
EKM72900	≤300/500V 1~61*0.1~10mm2	Class5*6
EKM72973	≤300/500V 1~61*0.1~10mm2	Class5*6
EKM72983	≤300/500V 1~61*0.1~10mm2	Class5*6
EKM725973	≤300/500V 1~61*0.1~10mm2	Class5*6

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*P. McNicol*

Peter McNicol  
Technical Manager



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EKM725983	≤300/500V 1-61*0.1~10mm2	Class5'6
EKM51573	≤600/1000V 1-61*0.1-150mm2	Class5'6
YSLCY-J	300/500V 2-60*0.5-70mm2	Class5
YSLCY-JZ	300/500V 2-60*0.5-70mm2	Class5
YSLCY-JB	300/500V 2-60*0.5-70mm2	Class5
YSLCY-O	300/500V 2-60*0.5-70mm2	Class5
YSLCY-OZ	300/500V 2-60*0.5-70mm2	Class5
YSLCY-OB	300/500V 2-60*0.5-70mm2	Class5
NYCWY-J	600/1000V 2-60*1.5-300mm2	Class1-5
NYCWY-JZ	600/1000V 2-60*1.5-300mm2	Class1-5
NYCWY-JB	600/1000V 2-60*1.5-300mm2	Class1-5
NYCWY-O	600/1000V 2-60*1.5-300mm2	Class1-5
NYCWY-OZ	600/1000V 2-60*1.5-300mm2	Class1-5
NYCWY-OB	600/1000V 2-60*1.5-300mm2	Class1-5
2YSLCY-J	600/1000V 2-60*1.5-300mm2	Class5
2YSLCY-JZ	600/1000V 2-60*1.5-300mm2	Class5
2YSLCY-JB	600/1000V 2-60*1.5-300mm2	Class5
2YSLCY-O	600/1000V 2-60*1.5-300mm2	Class5
2YSLCY-OZ	600/1000V 2-60*1.5-300mm2	Class5
2YSLCY-OB	600/1000V 2-60*1.5-300mm2	Class5

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