

CERTIFICATE OF REGISTRATION

We register the applied component based on our confirmation of its conformity to the requirements for registration as the result of our assessment according to the regulations for components registration of JET certification as follows:

The date of registration: A u g u s t 7 , 2 0 1 4

Registration number: 1 6 2 5 - C 4 3 0 2 - 1 6 8

The name and address of the registration recipient:

MULTI-CONTACT ESSEN GMBH
WESTENDSTRASSE 10, 45143 ESSEN, GERMANY

The registered component: Connector for PV Modules

Model number of the registered component: See appendix sheets

Rating, etc.: See appendix sheets

Method of registration: Type for Component Manufacturer

The manufacturing factory and its address: (Factory Identification No.:1625-C43a)

MULTI-CONTACT ESSEN GMBH
WESTENDSTRASSE 10, 45143 ESSEN, GERMANY

The scope of the registration: See appendix sheets

The test standards applied: I E C 6 1 7 3 0 - 1 : 2 0 0 4
Clause 5. 1, 5. 3 and 7. 3



on behalf of YASUHISA KOMODA

President
Japan Electrical Safety &
Environment Technology Laboratories

APPENDIX TO REGISTRATION

Appendix No.: 1-1-5
 The date of registration: August 07,2014
 Registraton number: 1625-C4302-168
 The name of the registration recipient: MULTI-CONTACT ESSEN GMBH

Registered information		
Model number (Series name)		MC4-EVO 3
Model number (Type)		PV-KST4PLS/2,5 I and PV-KBT4PLS/2,5 I
Ratings	Rated voltage	1500V
	Rated current	22A Max
Insulation material used for connector	Main insulation material	Modified polyphenylene ether
	Thickness of the thinnest part	
	Color	Black
	RTI	
	Flammability class	V-0
	Flammability class and High-current arc ignition rating	
	Comparative Tracking Index	O (PASS)
	UV Test	O (PASS)
Connector (End product)	Dielectric withstand test	O (PASS / 8.0kV, dc)
	Marking about disconnect	O (PASS)
	Resistance to inclusion of water	IP67 / IP65
	Impact test	O (PASS)
	Accessibility test	O (PASS)
	Polarity of connector	N/A
	Shape of grounding member (Earth terminal)	N/A
	Connectors that can be separated without the use of a tool shall not have accessible conductive parts	N/A
Applicable cable (S mark)	Certification No. of S Mark	1582-12024-001
	Registered product name of S Mark	Onamba PV-CC 3.5mm2
	External dimensions	4.35~5.7mm
Applicable cable (PSE)	Marking of <PS>E	N/A
	External dimensions	N/A
Other (Special certification requirements)		None
Note		

APPENDIX TO REGISTRATION

Appendix No.: 1-2-5
 The date of registration: August 07,2014
 Registraton number: 1625-C4302-168
 The name of the registration recipient: MULTI-CONTACT ESSEN GMBH

Registered information		
Model number (Series name)		MC4-EVO 3
Model number (Type)		PV-KST4PLS/2,5 II and PV-KBT4PLS/2,5 II
Ratings	Rated voltage	1500V
	Rated current	22A Max
Insulation material used for connector	Main insulation material	Modified polyphenylene ether
	Thickness of the thinnest part	
	Color	Black
	RTI	
	Flammability class	V-0
	Flammability class and High-current arc ignition rating	
	Comparative Tracking Index	○ (PASS)
	UV Test	○ (PASS)
Connector (End product)	Dielectric withstand test	○ (PASS / 8.0kV, dc)
	Marking about disconnect	○ (PASS)
	Resistance to inclusion of water	IP67 / IP65
	Impact test	○ (PASS)
	Accessibility test	○ (PASS)
	Polarity of connector	N/A
	Shape of grounding member (Earth terminal)	N/A
	Connectors that can be separated without the use of a tool shall not have accessible conductive parts	N/A
Applicable cable (S mark)	Certification No. of S Mark	1582-12024-001
	Registered product name of S Mark	Onamba PV-CC 3.5mm2
	External dimensions	5.7~6.7mm
Applicable cable (PSE)	Marking of <PS>E	N/A
	External dimensions	N/A
Other (Special certification requirements)		None
Note		

APPENDIX TO REGISTRATION

Appendix No.: 1-3-5
 The date of registration: August 07,2014
 Registraton number: 1625-C4302-168
 The name of the registration recipient: MULTI-CONTACT ESSEN GMBH

Registered information		
Model number (Series name)		MC4-EVO 3
Model number (Type)		PV-KST4PLS/6 I and PV-KBT4PLS/6 I
Ratings	Rated voltage	1500V
	Rated current	30A Max
Insulation material used for connector	Main insulation material	Modified polyphenylene ether
	Thickness of the thinnest part	
	Color	Black
	RTI	
	Flammability class	V-0
	Flammability class and High-current arc ignition rating	
	Comparative Tracking Index	○ (PASS)
	UV Test	○ (PASS)
Connector (End product)	Dielectric withstand test	○ (PASS / 8.0kV, dc)
	Marking about disconnect	○ (PASS)
	Resistance to inclusion of water	IP67 / IP65
	Impact test	○ (PASS)
	Accessibility test	○ (PASS)
	Polarity of connector	N/A
	Shape of grounding member (Earth terminal)	N/A
Applicable cable (S mark)	Connectors that can be separated without the use of a tool shall not have accessible conductive parts	N/A
	Certification No. of S Mark	1582-12024-001
	Registered product name of S Mark	Onamba PV-CC 3.5mm2
Applicable cable (PSE)	External dimensions	4.35~5.7mm
	Marking of <PS>E	N/A
Other (Special certification requirements)		N/A
Note		None

APPENDIX TO REGISTRATION

Appendix No.: 1-4-5
 The date of registration: August 07,2014
 Registraton number: 1625-C4302-168
 The name of the registration recipient: MULTI-CONTACT ESSEN GMBH

Registered information		
Model number (Series name)		MC4-EVO 3
Model number (Type)		PV-KST4PLS/6 II and PV-KBT4PLS/6 II
Ratings	Rated voltage	1500V
	Rated current	30A Max
Insulation material used for connector	Main insulation material	Modified polyphenylene ether
	Thickness of the thinnest part	
	Color	Black
	RTI	
	Flammability class	V-0
	Flammability class and High-current arc ignition rating	
	Comparative Tracking Index	○ (PASS)
	UV Test	○ (PASS)
	Dielectric withstand test	○ (PASS / 8.0kV, dc)
Connector (End product)	Marking about disconnect	○ (PASS)
	Resistance to inclusion of water	IP67 / IP65
	Impact test	○ (PASS)
	Accessibility test	○ (PASS)
	Polarity of connector	N/A
	Shape of grounding member (Earth terminal)	N/A
	Connectors that can be separated without the use of a tool shall not have accessible conductive parts	N/A
Applicable cable (S mark)	Certification No. of S Mark	1582-12024-001
	Registered product name of S Mark	Onamba PV-CC 3.5mm2
	External dimensions	5.7~6.7mm
Applicable cable (PSE)	Marking of <PS>E	N/A
	External dimensions	N/A
Other (Special certification requirements)		None
Note		

APPENDIX TO REGISTRATION

Appendix No.: 1-5-5
 The date of registration: August 07,2014
 Registraton number: 1625-C4302-168
 The name of the registration recipient: MULTI-CONTACT ESSEN GMBH

Registered information		
Model number (Series name)		MC4-EVO 3
Model number (Type)		PV-KST4PLS/6Ⅲ and PV-KBT4PLS/6Ⅲ
Ratings	Rated voltage	1500V
	Rated current	30A Max
Insulation material used for connector	Main insulation material	Modified polyphenylene ether
	Thickness of the thinnest part	
	Color	Black
	RTI	
	Flammability class	V-0
	Flammability class and High-current arc ignition rating	
	Comparative Tracking Index	○ (PASS)
	UV Test	○ (PASS)
	Dielectric withstand test	○ (PASS / 8.0kV, dc)
Connector (End product)	Marking about disconnect	○ (PASS)
	Resistance to inclusion of water	IP67 / IP65
	Impact test	○ (PASS)
	Accessibility test	○ (PASS)
	Polarity of connector	N/A
	Shape of grounding member (Earth terminal)	N/A
	Connectors that can be separated without the use of a tool shall not have accessible conductive parts	N/A
Applicable cable (S mark)	Certification No. of S Mark	1582-12024-001
	Registered product name of S Mark	Onamba PV-CC 3.5mm2
	External dimensions	6.7~7.8mm
Applicable cable (PSE)	Marking of <PS>E	N/A
	External dimensions	N/A
Other (Special certification requirements)		None
Note		