CERTIFICATE OF COMPLIANCE

Certificate Number	E487511
Report Reference	E487511-20170901
Issue Date	2020-FEBRUARY-24
Issued to:	ESCHA GmbH & Co. KG Markische Str. 8a 58553 Halver, GERMANY
This certificate confirms that representative samples of	MULTI-POINT INTERCONNECTION POWER CABLE ASSEMBLIES FOR INDUSTRIAL MACHINERY See Addendum.
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 2237 & CSA C22.2 No. 182.3-16, Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery.
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	E487511
Report Reference	E487511-20170901
Issue Date	2020-FEBRUARY-24

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USL/CNL:

Cable Assemblies –

Series M12x1 Power, Cat. Nos. PS-, PT-, or PK-, followed by W or A, followed by M12, followed by K, followed by 3, 4 or 5, followed by blank or .3 digits number, followed by -L, followed by –PS-, –PT-, -PK- or –PL-, followed by W or A, followed by M12, followed by S, followed by 3, 4 or 5, followed by blank or .3 digits number, followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

Series M12x1 Power, Cat. Nos. PL-, followed by W or A, followed by M12, followed by K, followed by 4, followed by blank or .3 digits number, followed by -L, followed by –PT-, followed by W or A, followed by M12, followed by S, followed by 4, followed by blank or .3 digits number, followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

Male Cable Fitting –

Series M12x1 Power, Cat. Nos. PS-, PT- or PK-, followed by W or A, followed by M12, followed by S, followed by 3, 4 or 5, followed by blank- or .3 digits number, followed by L, followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

Female Cable Fitting –

Series M12x1 Power, Cat. Nos. PS-, PT- or PK-, followed by W or A, followed by M12, followed by K, followed by 3, 4 or 5, followed by blank- or .3 digits number, followed by L, followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

Splitters –

Series M12x1 Power, Cat. Nos. PS-, PT- or PK-, followed by T, 3H or 4H, followed by M12, followed by –S, followed by 4 or 5, followed by 2 or 3, followed by K, followed by 4 or 5, may be followed by /S 4-7 numerical digits.

USL:

Cable Assemblies –

Series M12x1 Power, Cat. Nos. PL-, followed by W or A, followed by M12, followed by K, followed by 4 or 5, followed by blank or .3 digits number, followed by L, followed by –PL-, followed by W or A, followed by M12, followed by S, followed by 4 or 5, followed by blank or .3 digits number, followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	E487511
Report Reference	E487511-20170901
Issue Date	2020-FEBRUARY-24

Male Cable Fitting –

Series M12x1 Power, Cat. Nos. PL-, followed by W or A, followed by M12, followed by S, followed by 3, 4 or 5, followed by blank- or .3 digits number, followed by L, followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

Female Cable Fitting –

Series M12x1 Power, Cat. Nos. PL-, followed by W or A, followed by M12, followed by K, followed by 3, 4 or 5, followed by blank- or .3 digits number, followed by L, followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

Splitters –

Series M12x1 Power, Cat. Nos. PL-, followed by T, 3H or 4H, followed by M12, followed by –S, followed by 5, followed by 2 or 3, followed by K, followed by 5, may be followed by /S 4-7 numerical digits.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	20191004-E487511
Report Reference	E487511-20190425
Issue Date	2019-OCTOBER-04
Issued to:	ESCHA GmbH & Co. KG Markische Str. 8a 58553 Halver GERMANY
This certificate confirms that representative samples of	MULTI-POINT INTERCONNECTION POWER CABLE ASSEMBLIES FOR INDUSTRIAL MACHINERY See Addendum Page
	Have been investigated by UL in accordance with the Standard(s) indicated on this Certificate.
Standard(s) for Safety:	UL 2237 & CSA C22.2 No. 182.3-16 - Multi-Point Interconnection Power Cable Assemblies for Industrial Machinery
Additional Information:	See the UL Online Certifications Directory at https://iq.ulprospector.com for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Mark. Only the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Mark should be considered as being UL Certified and covered under UL's Follow-Up Services.

Look for the UL Certification Mark on the product.

Bruce Mahrenholz, Director North American Certification Program

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	20191004-E487511
Report Reference	E487511-20190425
Issue Date	2019-OCTOBER-04

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

USL/CNL:
Male Receptacles –

Panel-Mounted Conductor Fitting, Series M12x1 Power, Cat. Nos. PS-, PT-, PK- or PL-, followed by FH or FV, followed by M12, may be followed by E, followed by S, followed by U, followed by 3, 4 or 5, followed by blank or .3 digits number, followed by -3 digits number or -P, followed by PG9, M16 or M20, may be followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

Female Receptacles –

Panel-Mounted Conductor Fitting, Series M12x1 Power, Cat. Nos. PS-, PT-, PK- or PL-, followed by FH or FV, followed by M12, may be followed by E, followed by K, followed by U, followed by 3, 4 or 5, followed by blank or .3 digits number, followed by -3 digits number or -P, followed by PG9, M16 or M20, may be followed by /S 4-7 alphanumerical digits, may be followed by /S 4-7 numerical digits.

USL indicates investigation to United States Standards, UL 2237, First Edition. This covers the CCN PVVA.

CNL indicates investigation to Canadian National Standards, C22.2 No. 182.3-16. This covers the CCN PVVA7 only.

Male-to-Male configurations are not covered due to accessibility of live parts.

Bruce Mahrenholz, Director North American Certification Program

UL LLC