

**Date:** April 28, 2023

**PCN Reference:** LFPCN230428

**Implementation date:** May 1<sup>st</sup>, 2023 – already in place at some warehouse locations

**Subject:** Inner box packing Label update for Medium Power modules


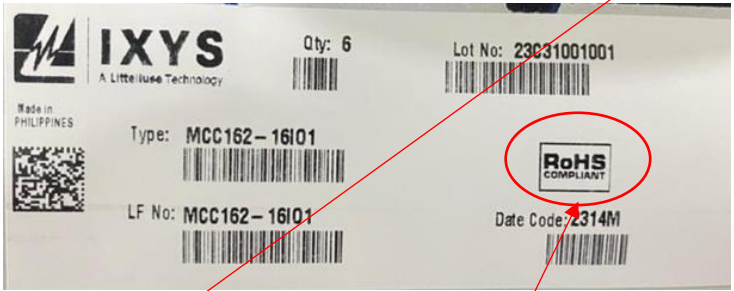
To whom it may concern,

Littelfuse would like to notify you about implementing inner packing box label change for its **Medium Power Modules** built in our different assembly locations.

To harmonize the marking, we will remove Pb-Free marking which is not relevant to all our products portfolio and will only show up a “RoHS compliant” logo which is appropriate to all our power modules.

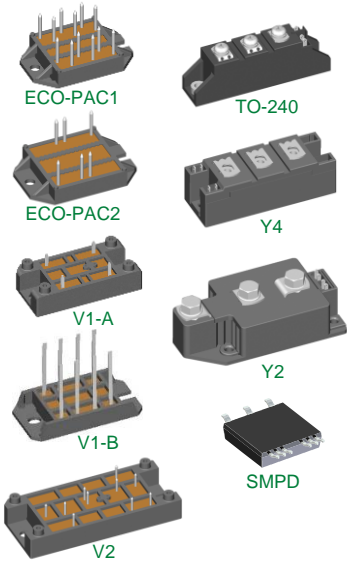
There is no change to fit, form or function of the existing products as the change refers to packing box labelling only.

Please note the change has been implemented by the different warehouses one after the other. No label change will be done on parts already in the field or shipped until the full implementation date.

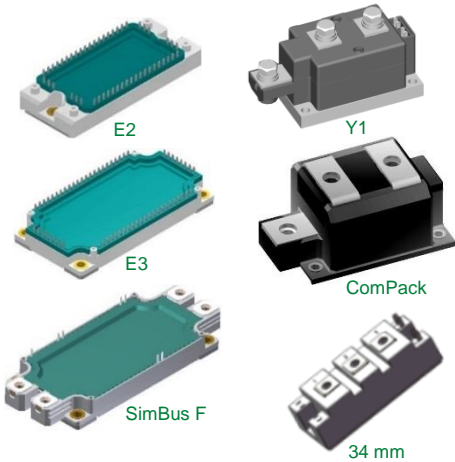
Type of label	Inner packing box
Before	
After	 <p data-bbox="651 1814 906 1845">Pb-free logo removed</p> <p data-bbox="1016 1814 1224 1845">RoHS logo added</p>

**Medium Power Modules packages family**

DCB based



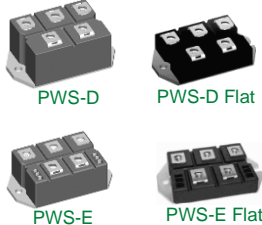
Copper based



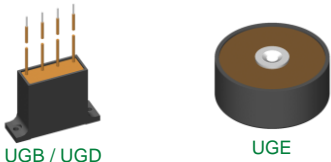
Faston



Screw



High Voltage



If you have any questions or concerns, please contact your local Littelfuse sales representative or Product Manager below for further assistance.

Best Regards,

Pascal Ducluzeau  
Product Marketing Manager,  
Power Modules Littelfuse Europe GmbH.  
[pducluzeau@Littelfuse.com](mailto:pducluzeau@Littelfuse.com)

LITTELFUSE ORDERABLE PART NUMBER	PRODUCT FAMILY	DESCRIPTION
CLE90UH1200TLB-TRR	BIPOLAR MODULE	Bipolar Module - Thyristor SMPD-B
CLE90UH1200TLB-TUB	BIPOLAR MODULE	Bipolar Module - Thyristor SMPD-B
DHG40B1200LB-TRR	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DHG40B1200LB-TUB	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DHG60U1200LB-TRR	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DHG60U1200LB-TUB	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DLA100B1200LB-TRR	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DLA100B1200LB-TUB	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DLA100B800LB-TRR	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DLA100B800LB-TUB	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DMA120B800LB-TRR	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DMA120B800LB-TUB	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DMA90U1800LB-TUB	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DPG60B600LB-TRR	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DPG60B600LB-TUB	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier SMPD-B
DSEI2X101-06P	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
DSEI2X101-12P	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
DSEI2X161-02P	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
DSEI2X161-06P	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
DSEI2X161-12P	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
DSEI2X61-06P	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
DSEI2X61-12P	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
MCC132-08I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC132-12I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC132-14I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC132-14I01B	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC132-16I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC132-16I01B	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC132-18I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC132-18I01B	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC161-20I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC161-22I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC162-08I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC162-12I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC162-14I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC162-14I01B	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC162-16I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC162-16I01B	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC162-18I01	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC162-18I01B	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCC19-08I01B	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCC19-08I08B	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCC19-12I01B	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCC19-12I08B	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA

MCC19-14I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC19-14I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC19-16I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC19-16I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC200-14I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y4-M5/6
MCC200-16I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y4-M5/6
MCC200-18I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y4-M5/6
MCC21-14I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC21-16I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC224-20I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC224-22I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC224-24I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC225-12I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC225-14I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC225-16I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC225-18I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC255-12I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC255-14I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC255-16I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC255-18I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC26-08I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC26-08I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC26-12I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC26-12I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC26-14I01	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC26-14I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC26-14I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC26-16I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC26-16I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC310-08I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y2-DCB
MCC310-12I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y2-DCB
MCC310-14I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y2-DCB
MCC310-16I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y2-DCB
MCC310-18I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y2-DCB
MCC312-12I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC312-14I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC312-16I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC312-18I01	BIPOLAR MODULE	Bipolar Module - Thyristor	Y1-CU
MCC44-08I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC44-08I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC44-12I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC44-12I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC44-14I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC44-14I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC44-16I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC44-16I08B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA
MCC44-18I01B	BIPOLAR MODULE	Bipolar Module - Thyristor	TO-240AA





MCD56-14IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD56-16IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD56-16IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD56-18IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD56-18IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD72-08IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD72-12IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD72-12IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD72-14IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD72-16IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD72-16IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD72-18IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD72-18IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD94-20IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD94-22IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-08IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-08IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-12IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-12IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-14IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-14IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-16IO1	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-16IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-16IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-18IO1B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCD95-18IO8B	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode TO-240AA
MCK200-18IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCMA110P1200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA110P1600TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA110P1600VA	BIPOLAR MODULE	Bipolar Module - Thyristor V1A/B pack
MCMA110P1800TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA110PD1200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA110PD1600TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA110PD1800TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA120UJ1800ED	BIPOLAR MODULE	Bipolar Module - Thyristor E2-Pack
MCMA1400E1600CD	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MCMA140P1200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA140P1400TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA140P1600TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA140P1800TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA140PD1200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA140PD1600T-NMI	BIPOLAR MODULE	MCMA140PD1600TB-NMI
MCMA140PD1600TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA140PD1600TB-NI	BIPOLAR MODULE	BIPOLAR MODULE - THYRISTOR/DIODE TO-240A
MCMA160P1600YA	BIPOLAR MODULE	Bipolar Module - Thyristor - Y4
MCMA160P1800YA-MI	BIPOLAR MODULE	Bipolar Module - Thyristor - Y4
MCMA200P1600YA	BIPOLAR MODULE	Bipolar Module - Thyristor - Y4

MCMA200P1800YA-MI	BIPOLAR MODULE	Bipolar Module - Thyristor - Y4
MCMA200PD1600YB	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode Y4
MCMA200PD1800YB	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCMA240UI1600ED	BIPOLAR MODULE	Bipolar Module - Thyristor E2-Pack
MCMA240UI1600P-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge+Brake-E2
MCMA240UI1600PED	BIPOLAR MODULE	Bipolar Module - Thyristor E2-Pack-PFP
MCMA25P1200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA25P1600TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA25PD1200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA25PD1600TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA260P1600YA	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCMA260PD1600YB	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCMA260PD1800YB	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCMA265P1600KA	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-CU
MCMA265PD1600KB	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-CU
MCMA35P1200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA35P1600TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA35PD1200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA35PD1600TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA400PD1600P-PC	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode Simbus F
MCMA400PD1600PTSF	BIPOLAR MODULE	Bipolar Module - Thyristor Simbus F-PFP
MCMA450UH1600TEH	BIPOLAR MODULE	Bipolar Module - Thyristor E3-Pack
MCMA50P1200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA50P1600TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA50PD1200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA50PD1600TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA550PD1600PTSF	BIPOLAR MODULE	Bipolar Module - Thyristor Simbus F-PFP
MCMA650MT1400NKD	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCMA650MT1800NKD	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCMA65P1200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA65P1600TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA65P1800TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA65PD1200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA65PD1600TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA700P1600CA	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MCMA700P1600NCA	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MCMA700P1800CA	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MCMA700PD1600CB	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MCMA700PD1600CB-PC	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MCMA85P1200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA85P1600TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA85PD1200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCMA85PD1600TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA120P2200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA120PD2200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA120PD2200TB-NI	BIPOLAR MODULE	BIPOLAR MODULE - THYRISTOR/DIODE TO-240A
MCNA120UI2200P-PC	BIPOLAR MODULE	MCNA120UI2200PED-PC BIPOLAR MODULE-Y4



MCNA120UI2200PED	BIPOLAR MODULE	Bipolar Module - Thyristor E2-Pack-PFP
MCNA120UI2200TED	BIPOLAR MODULE	Bipolar Module - Thyristor E2-Pack
MCNA150P2200YA	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCNA150PD2200YB	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCNA180P2200YA	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCNA180PD2200YB	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCNA220P2200YA	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCNA220PD2200YB	BIPOLAR MODULE	Bipolar Module - Thyristor Y4-M5/6
MCNA40P2200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA40PD2200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA55P2200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA55PD2200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA650P2200CA	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MCNA650PD2200CB	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MCNA75P2200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA75PD2200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA95P2200TA	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCNA95PD2200TB	BIPOLAR MODULE	Bipolar Module - Thyristor TO-240AA
MCO450-20IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO450-22IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO500-12IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO500-14IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO500-16IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO500-18IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO600-16IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO600-18IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO600-20IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MCO600-22IO1	BIPOLAR MODULE	Bipolar Module - Thyristor Y1-2-CU
MD16110A-DKM2MM	BIPOLAR MODULE	RECTIFIER MODULE 21MM 1600V 110A DUAL DK
MD16200S-DKM2MM	BIPOLAR MODULE	RECTIFIER MODULE 34MM 1600V 200A DUAL DK
MD1690A-DKM2MM	BIPOLAR MODULE	RECTIFIER MODULE 21MM 1600V 90A DUAL DK
MD18200S-DKM2MM	BIPOLAR MODULE	RECTIFIER MODULE 34MM 1800V 200A DUAL DK
MDA72-08N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDA72-16N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDA95-22N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD142-08N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD142-12N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD142-14N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD142-16N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD142-18N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD172-08N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD172-12N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD172-14N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD172-16N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD172-18N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD175-28N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD175-34N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU

MDD200-14N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD200-16N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD200-18N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD200-22N1	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDD255-12N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD255-14N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD255-16N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD255-18N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD255-20N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD255-22N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD26-08N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD26-12N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD26-14N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD26-16N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD26-18N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD310-12N1	BIPOLAR MODULE	Bipolar Module - Diode Y2-DCB
MDD310-14N1	BIPOLAR MODULE	Bipolar Module - Diode Y2-DCB
MDD310-16N1	BIPOLAR MODULE	Bipolar Module - Diode Y2-DCB
MDD310-18N1	BIPOLAR MODULE	Bipolar Module - Diode Y2-DCB
MDD310-20N1	BIPOLAR MODULE	Bipolar Module - Diode Y2-DCB
MDD310-22N1	BIPOLAR MODULE	Bipolar Module - Diode Y2-DCB
MDD312-12N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD312-14N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD312-16N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD312-18N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD312-20N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD312-22N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDD44-08N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD44-12N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD44-14N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD44-16N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD44-18N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD56-08N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD56-12N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD56-14N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD56-16N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD56-18N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD72-08N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD72-12N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD72-14N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD72-16N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD72-18N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD95-08N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD95-12N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD95-14N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD95-16N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD95-18N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA

MDD95-20N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDD95-22N1B	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA110P1200TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA110P1600TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA120U1600VA	BIPOLAR MODULE	Bipolar Module - 3-ph bridge-V1
MDMA1400C1600CC	BIPOLAR MODULE	Bipolar Module - Thyristor ComPack
MDMA140P1200TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA140P1600TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA140P1800TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA210P1600YD	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDMA210UB1600P-PC	BIPOLAR MODULE	MDMA210UB1600PTED-PC Bipolar Module-E2
MDMA210UB1600PTED	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pk-PFP
MDMA240UB1600ED	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pk
MDMA280P1600YD	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MDMA280UB1600P-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge+Brake-E2
MDMA280UB1600PTED	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pk-PFP
MDMA35P1200TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA35P1600TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA360UB1600P-PC	BIPOLAR MODULE	MDMA360UB1600PTED-PC Bipolar Module-E2
MDMA360UB1600PTED	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pk-PFP
MDMA360UC1600TED	BIPOLAR MODULE	Bipolar Module- 3-ph bridge+softstart-E2
MDMA380P1600KC	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDMA425P1600PT-PC	BIPOLAR MODULE	MDMA425P1600PTSF-PC Bip Module-Simbus F
MDMA425P1600PTSF	BIPOLAR MODULE	Bipolar Module - Diode Simbus F-PFP
MDMA450U1600PT-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge-E3
MDMA450UB1600P-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge+Brake-E2
MDMA450UB1600PTED	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pk-PFP
MDMA50P1200TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA50P1600TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA600P1600PT-PC	BIPOLAR MODULE	MDMA600P1600PTSF-PC Bip Module-Simbus F
MDMA600P1600PTSF	BIPOLAR MODULE	Bipolar Module - Diode Simbus F-PFP
MDMA60B1200MB	BIPOLAR MODULE	Bipolar Module-1-ph bridge EcoPac-1x
MDMA60B1600MB	BIPOLAR MODULE	Bipolar Module-1-ph bridge EcoPac-1x
MDMA60B800MB	BIPOLAR MODULE	Bipolar Module-1-ph bridge EcoPac-1x
MDMA60UC1600VC	BIPOLAR MODULE	Bipolar Module - Other V1A/B PACK
MDMA65P1200TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA65P1600TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA660U1600PT-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge-E3
MDMA660U1600PTEH	BIPOLAR MODULE	BipolarModule-Bridge Rectifier E3-Pk-PFP
MDMA700P1600CC	BIPOLAR MODULE	Bipolar Module - Diode ComPack
MDMA85P1200TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA85P1600TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDMA900U1600PT-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge-E3
MDMA900U1600PTEH	BIPOLAR MODULE	BipolarModule-Bridge Rectifier E3-Pk-PFP
MDNA140P2200TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDNA210UB2200P-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge+Brake-E2
MDNA210UB2200PTED	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pk-PFP

MDNA240U2200ED	BIPOLAR MODULE	BipolarModule-BridgeRectifier E2-Pk
MDNA280UB2200P-PC	BIPOLAR MODULE	MDNA280UB2200PTED-PC Bipolar Module-E2
MDNA280UB2200PTED	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pk-PFP
MDNA300P2200PT-PC	BIPOLAR MODULE	MDNA300P2200PTSF-PC Bip Module-Simbus F
MDNA300P2200PTSF	BIPOLAR MODULE	Bipolar Module - Diode Simbus F
MDNA360UB2200P-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge+Brake-E2
MDNA360UB2200PTED	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pk-PFP
MDNA380P2200KC	BIPOLAR MODULE	Bipolar Module - Diode Y1-CU
MDNA425P2200PT-PC	BIPOLAR MODULE	MDNA425P2200PTSF-PC Bip Module-Simbus F
MDNA425P2200PTSF	BIPOLAR MODULE	Bipolar Module - Diode Simbus F-PFP
MDNA50P2200TG	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MDNA600P2200PT-PC	BIPOLAR MODULE	MDNA600P2200PTSF-PC Bip Module-Simbus F
MDNA600P2200PTSF	BIPOLAR MODULE	Bipolar Module - Diode Simbus F-PFP
MDNA660U2200PT-PC	BIPOLAR MODULE	Bipolar Module - 3-ph bridge-E3
MDNA660U2200PTEH	BIPOLAR MODULE	BipolarModule-Bridge Rectifier E3-Pk-PFP
MDNA700P2200CC	BIPOLAR MODULE	Bipolar Module - Diode ComPack
MDO500-12N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-2-CU
MDO500-14N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-2-CU
MDO500-16N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-2-CU
MDO500-18N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-2-CU
MDO500-20N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-2-CU
MDO500-22N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-2-CU
MDO600-16N1	BIPOLAR MODULE	Bipolar Module - Diode Y1-2-CU
MEA250-12DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEA300-06DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEA75-12DA	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MEA95-06DA	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MEE250-12DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEE300-06DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEE75-12DA	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MEE95-06DA	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MEK150-04DA	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MEK250-12DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEK300-06DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEK350-02DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEK600-04DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEK75-12DA	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MEK95-06DA	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MEO450-12DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEO500-06DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MEO550-02DA	BIPOLAR MODULE	Bipolar Module - Diode Y4-M5/6
MIEB101H1200EH	IGBT MODULE	IGBT Module - Others E3-Pack
MIEB101W1200EH	IGBT MODULE	IGBT Module - Sixpack E3-Pack
MITA300RF1700P-PC	IGBT MODULE	IGBT Module - Trench Brake - E2
MITA300RF1700PTED	IGBT MODULE	IGBT Module - Others E2-Pack-PFP
MIXA100W1200TEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack
MIXA10WB1200TED	IGBT MODULE	IGBT Module - CBI E2-Pack

MIXA150Q1200VA	IGBT MODULE	IGBT Module - Others V1A/B PACK
MIXA150R1200VA	IGBT MODULE	IGBT Module - Others V1A/B PACK
MIXA150W1200TEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack
MIXA20WB1200TED	IGBT MODULE	IGBT Module - CBI E2-Pack
MIXA225PF1200TSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F
MIXA300PF1200TSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F
MIXA30W1200TED	IGBT MODULE	IGBT Module - Sixpack E2-Pack
MIXA30WB1200TED	IGBT MODULE	IGBT Module - CBI E2-Pack
MIXA40W1200TED	IGBT MODULE	IGBT Module - Sixpack E2-Pack
MIXA40WB1200TED	IGBT MODULE	IGBT Module - CBI E2-Pack
MIXA41W1200ED	IGBT MODULE	IGBT Module - Sixpack E2-Pack
MIXA450PF1200TSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F
MIXA60HU1200VA	IGBT MODULE	IGBT Module - Others V1A/B PACK
MIXA60W1200TED	IGBT MODULE	IGBT Module - Sixpack E2-Pack
MIXA60WB1200TEH	IGBT MODULE	IGBT Module - CBI E3-Pack
MIXA60WH1200TEH	IGBT MODULE	IGBT Module - CBI E3-Pack
MIXA61H1200ED	IGBT MODULE	IGBT Module - Others E2-Pack
MIXA61WB1200TEH	IGBT MODULE	IGBT Module - CBI E3-Pack
MIXA80R1200VA	IGBT MODULE	IGBT Module - Others V1A/B PACK
MIXA80W1200PTEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack
MIXA80W1200TED	IGBT MODULE	IGBT Module - Sixpack E2-Pack
MIXA80W1200TEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack
MIXA80WB1200TEH	IGBT MODULE	IGBT Module - CBI E3-Pack
MIXA81H1200EH	IGBT MODULE	IGBT Module - Others E3-Pack
MIXG120W1200PTEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack-PFP
MIXG120W1200TEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack
MIXG180W1200PT-PC	IGBT MODULE	MIXG180W1200PTEH-PC IGBT Module-E3-PFP
MIXG180W1200PTEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack-PFP
MIXG180W1200TEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack
MIXG240RF1200P-PC	IGBT MODULE	IGBT Module - X2PT Boost - E2
MIXG240RF1200PTED	IGBT MODULE	IGBT Module - Brake E2-Pack-PFP
MIXG240W1200PT-PC	IGBT MODULE	MIXG240W1200PTEH-PC IGBT Module-E3-PFP
MIXG240W1200PTEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack-PFP
MIXG240W1200PZ-PC	IGBT MODULE	IGBT Module - X2PT 3-Phase - E3
MIXG240W1200PZTEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack-PFP
MIXG240W1200TEH	IGBT MODULE	IGBT Module - Sixpack E3-Pack
MIXG300PF1700TSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F
MIXG330PF1200PTSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F
MIXG330PF1200TSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F
MIXG360RF1200P-PC	IGBT MODULE	IGBT Module - X2PT Boost - E2
MIXG450PF1700TSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F
MIXG490PF1200PTSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F-PFP
MIXG490PF1200TSF	IGBT MODULE	IGBT Module - Phaseleg Simbus F
MIXG70W1200TED	IGBT MODULE	IGBT Module - Sixpack E2-Pack
MKI100-12F8	IGBT MODULE	IGBT Module - Others E3-Pack
MMO110-12IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC1
MMO110-14IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC1

MMO140-12IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC1
MMO140-16IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC1
MMO175-12IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC1
MMO175-16IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC1
MMO230-12IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC2
MMO230-16IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC2
MPK95-06DA	BIPOLAR MODULE	Bipolar Module - Diode TO-240AA
MUBW50-17T8	IGBT MODULE	IGBT Module - CBI E3-Pack
MUBW75-17T8	IGBT MODULE	IGBT Module - CBI E3-Pack
UGB3132AD	BIPOLAR MODULE	Bipolar Module - Diode UGB-1ph
UGB6124AG	BIPOLAR MODULE	Bipolar Module - Diode UGBB-1ph
UGD6123AG	BIPOLAR MODULE	Bipolar Module - Diode UGD-3ph
UGD8124AG	BIPOLAR MODULE	Bipolar Module - Diode UGD-3ph
UGE0221AY4	BIPOLAR MODULE	Bipolar Module - Diode UGE-single
UGE0421AY4	BIPOLAR MODULE	Bipolar Module - Diode UGE-single
UGE1112AY4	BIPOLAR MODULE	Bipolar Module - Diode UGE-single
UGE3126AY4	BIPOLAR MODULE	Bipolar Module - Diode UGE-single
VBE100-06NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
VBE100-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
VBE17-06NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBE17-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBE26-06NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBE26-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBE55-06NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBE55-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO130-08NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-E
VBO130-12NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-E
VBO130-16NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-E
VBO130-18NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-E
VBO160-08NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-E
VBO160-12NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-E
VBO160-16NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-E
VBO160-18NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-E
VBO21-08NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO21-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO22-08NO8	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO22-12NO8	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO22-16NO8	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO22-18NO8	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO25-12NO2	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO25-16AO2	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO25-16NO2	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO36-08NO8	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO36-12NO8	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO36-16NO8	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO36-18NO8	BIPOLAR MODULE	Bipolar Module - Diode FO
VBO52-08NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-D Flat

VBO52-12NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-D Flat
VBO52-16NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-D Flat
VBO52-18NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-D Flat
VBO54-08NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO54-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO54-16NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO68-08NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO68-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO68-16NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC1
VBO72-08NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-D Flat
VBO72-12NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-D Flat
VBO72-16NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-D Flat
VBO72-18NO7	BIPOLAR MODULE	Bipolar Module - Diode PWS-D Flat
VBO78-08NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
VBO78-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
VBO78-16NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
VBO88-08NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
VBO88-12NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
VBO88-16NO7	BIPOLAR MODULE	Bipolar Module - Diode ECO-PAC2
VCO132-12IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC2
VCO132-16IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC2
VCO180-12IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC2
VCO180-16IO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC2
VGB0124AY7A	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake VG-A
VGf0136AB	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake VG-B
VGO36-16IO7	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode ECO-PAC1
VHF25-08IO7	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode ECO-PAC1
VHF25-12IO7	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode ECO-PAC1
VHFD37-08IO1	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode V1A/B pk
VHFD37-12IO1	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode V1A/B pk
VHFD37-16IO1	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode V1A/B pk
VMM45-02F	MOSFET MODULE	MOSFET Module - Phaseleg TO-240AA
VTO39-08HO7	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode ECO-PAC1
VTO39-12HO7	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode ECO-PAC1
VUB116-16NOXT	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pack
VUB120-16NOX	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake V2-Pk
VUB120-16NOXT	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake V2-Pk
VUB135-22NO1	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pack
VUB145-16NOXT	BIPOLAR MODULE	BipolarModule-Rectifier+Brake E2-Pack
VUB160-16NOX	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake V2-Pk
VUB160-16NOXT	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake V2-Pk
VUB72-12NOXT	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake V1A/B pk
VUB72-16NOXT	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake V1A/B pk
VUC36-12GO2	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUC36-16GO2	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUE130-06NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC2
VUE130-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC2

VUE22-06NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUE22-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUE35-06NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUE35-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUE50-12NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUE75-06NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUE75-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUI30-12N1	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake V1A/B pk
VUI72-16NOXT	BIPOLAR MODULE	Bipolar Module-Rectifier+Brake V1A/B pk
VUM33-06PH	BIPOLAR MODULE	Bipolar Module - Other V1A/B PACK
VUO110-08NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO110-12NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO110-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO110-18NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO121-16NO1	BIPOLAR MODULE	BipolarModule-BridgeRectifier E2-Pack
VUO122-08NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC2
VUO122-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC2
VUO122-16NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC2
VUO160-08NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO160-12NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO160-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO160-18NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO162-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO190-08NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO190-12NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO190-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO190-18NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO192-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-E Flt
VUO25-08NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO25-12NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO25-14NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO25-16NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO25-18NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO28-08NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUO28-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUO34-08NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO34-12NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO34-16NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO34-18NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO36-08NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO36-12NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO36-14NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO36-16NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO36-18NO8	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier FO
VUO52-08NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO52-12NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO52-16NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk



VUO52-18NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO52-20NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO52-22NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO62-08NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO62-12NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO62-14NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO62-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO62-18NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO64-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO68-08NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUO68-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUO68-16NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUO80-08NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO80-12NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO80-16NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO80-18NO1	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier V1A/B pk
VUO82-08NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO82-12NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO82-14NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO82-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO82-18NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO84-16NO7	BIPOLAR MODULE	BipolarModule-Bridge Rectifier PWS-D Flt
VUO86-08NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUO86-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUO86-16NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC1
VUO98-08NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC2
VUO98-12NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC2
VUO98-16NO7	BIPOLAR MODULE	Bipolar Module-Bridge Rectifier ECO-PAC2
VVZ110-12IO7	BIPOLAR MODULE	BipolarModule-Thyristor/Diode PWS-E Flat
VVZ175-12IO7	BIPOLAR MODULE	BipolarModule-Thyristor/Diode PWS-E Flat
VVZ175-16IO7	BIPOLAR MODULE	BipolarModule-Thyristor/Diode PWS-E Flat
VVZ39-08HO7	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode ECO-PAC1
VVZ39-12HO7	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode ECO-PAC1
VVZ40-12IO1	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode V1A/B pk
VVZ40-16IO1	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode V1A/B pk
VVZB120-16IOX	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode V2-Pack
VVZB135-16IOXT	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode E2-Pack
VVZB170-16IOXT	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode E2-Pack
VVZB170-16IOXT-PFP	BIPOLAR MODULE	Bipolar Module-Thyristor/Diode E2-Pk-PFP
VW2X60-12IO1	BIPOLAR MODULE	Bipolar Module - Thyristor V1A/B pack
VW2X60-14IO1	BIPOLAR MODULE	Bipolar Module - Thyristor V1A/B pack
VW2X60-16IO1	BIPOLAR MODULE	Bipolar Module - Thyristor V1A/B pack
VWO35-08HO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC1
VWO35-12HO7	BIPOLAR MODULE	Bipolar Module - Thyristor ECO-PAC1
ZY180L350	BIPOLAR MODULE	Plug and Cable for Bipolar Module
ZY180L480	BIPOLAR MODULE	Plug and Cable for Bipolar Module
ZY180LM	BIPOLAR MODULE	Plug for Bipolar Module

ZY180R350	BIPOLAR MODULE	Plug and Cable for Bipolar Module
ZY180R480	BIPOLAR MODULE	Plug and Cable for Bipolar Module
ZY180RM	BIPOLAR MODULE	Plug for Bipolar Module
ZY200L340	BIPOLAR MODULE	Plug and Cable for Bipolar Module
ZY200L460	BIPOLAR MODULE	Plug and Cable for Bipolar Module
ZY200LM	BIPOLAR MODULE	Gate-plug-left MCC/CD19-95
ZY200R340	BIPOLAR MODULE	Plug and Cable for Bipolar Module
ZY200R460	BIPOLAR MODULE	Plug and Cable for Bipolar Module
ZY200RM	BIPOLAR MODULE	Gate-plug-right MCC19-95