



Image may be representation.
See specifications for product details.

MCC310-16IO1

Manufacturer Part Number	MCC310-16IO1
Manufacturer	IXYS Corporation
Allelco Part Number	32D-MCC310-16IO1
ECAD Model	Request Free CAD Models
Parts Description	SCR DUAL 1600V 500A Y2-DCB
Package	Y2-DCB
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

[Get a Quote](#)



MCC310-16IO1 - IXYS.New Original in Stock. Download Linear Technology MCC310-16IO1 datasheet/specifications on AllelcoElec.com.
Request a quote for MCC310-16IO1, please send us email: info@allelco.com

Specifications

MCC310-16IO1 Tech Specifications

MCC310-16IO1 - IXYS technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	IXYS Corporation	Number of SCRs, Diodes	2 SCRs
Voltage - Off State	1.6 kV	Mounting Type	Chassis Mount
Voltage - Gate Trigger (Vgt) (Max)	2 V	Current - On State (It (RMS)) (Max)	500 A
Structure	Series Connection - All SCRs	Current - On State (It (AV)) (Max)	320 A
Series	-	Current - Non Rep. Surge 50, 60Hz (I _{tsm})	9200A, 9800A
Package / Case	Y2-DCB	Current - Hold (I _h) (Max)	150 mA
Package	Bulk	Current - Gate Trigger (I _{gt}) (Max)	150 mA
Operating Temperature	-40°C ~ 140°C (TJ)	Base Product Number	MCC310

Parts with Similar Specifications

The three parts on the right have similar specifications to IXYS MCC310-16IO1

Product Attribute				
Part Number	MCC310-16IO1	MCC310-18IO1	MCC310-14IO1	MCC310-14IO1
Manufacturer	IXYS	IXYS	IXYS	IXYS / Littelfuse
Current - Non Rep. Surge 50, 60Hz (I _{tsm})	9200A, 9800A	9200A, 9800A	9200A, 9800A	-
Mounting Type	Chassis Mount	Chassis Mount	Chassis Mount	-
Current - On State (It (AV)) (Max)	320 A	320 A	320 A	-
Voltage - Gate Trigger (Vgt) (Max)	2 V	2 V	2 V	-
Series	-	-	-	-
Current - Gate Trigger (I _{gt}) (Max)	150 mA	150 mA	150 mA	-
Current - Hold (I _h) (Max)	150 mA	150 mA	150 mA	-
Operating Temperature	-40°C ~ 140°C (TJ)	-40°C ~ 140°C (TJ)	-40°C ~ 140°C (TJ)	-
Package / Case	Y2-DCB	Module	Module	-
Voltage - Off State	1.6 kV	1.8 kV	1.4 kV	-
Structure	Series Connection - All SCRs	Series Connection - All SCRs	Series Connection - All SCRs	-
Base Product Number	MCC310	MCC310	MCC310	-
Number of SCRs, Diodes	2 SCRs	2 SCRs	2 SCRs	-
Package	Bulk	Bulk	Box	-
Current - On State (It (RMS)) (Max)	500 A	500 A	500 A	-

MCC310-16IO1 Datasheet PDF

Download MCC310-16IO1 pdf datasheets and IXYS documentation for MCC310-16IO1 - IXYS.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Other Related Documents

[SCR Module Selection Guide.pdf](#)

Customers Also Interested in

Recommended Products



MCC310-14IO1

IXYS / Littelfuse
IGBT Module

MCC310-18IO1

IXYS
THYRISTOR DIODE MODULE

MCC310-12IOIB

IXYS / Littelfuse
IGBT Module

MCC310-18io1B

IXSY
IGBT Module

MCC310-18IO1

IXYS / Littelfuse
IGBT Module

MCC310-14io1B

IXSY
IGBT Module

**MCC310-16**IXYS / Littelfuse
IGBT Module**MCC310-22I01**IXYS / Littelfuse
IGBT Module**MCC310-16I08**IXYS / Littelfuse
IGBT Module**MCC310-16I0IB**IXYS / Littelfuse
IGBT Module**MCC310-14io8**IXYS / Littelfuse
IGBT Module**MCC310-22io1**IXYS / Littelfuse
IGBT Module**MCC310-12io8**IXYS / Littelfuse
IGBT Module**MCC310-14I01**IXYS
MOD THYRISTOR DUAL 1400V Y2-
DCB**MCC310-20I01**IXYS / Littelfuse
IGBT Module**MCC310-14I01**IXYS / Littelfuse
IGBT Module**MCC310-20I01**IXYS / Littelfuse
IGBT Module**MCC310-16I01B**IXYS / Littelfuse
IGBT Module

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
- > Use our account for the shipment. Refer to the table below for the approximate charges.
(Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone
+00852 9146 4856
- Email
info@allelco.com

Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong
Phone: +00852 9146 4856
Fax: +00852 3010 8510
Email: info@Allelco.com