Himel



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FINAL DISTRIBUTION

HDYNEZ DC Surge Protector

Standard IEC/EN 61643-31



Function

HDYNEZ the DC SPD has following features:

- Surge protection
- Protection from discharge surge energy
- DC application only, upto 1500V
- Special offer for Photovoltaic, certificated by IEC 61643-31

Specification

HDYNEZ-40/2P				
Technical Parameters				
Certification	CE, CB, TUV, ROHS			
Test type	T2			
Poles	2P			
Rated discharge current In	20kA			
Maximum discharge current Imax	40kA			
Wave form μs	8/20			
Maximum continuous operating voltage Uc	DC 800V	DC 1000V	DC 1200V	DC 1500V
Protection level Up	3.0kV	3.6kV	4.0kV	4.5kV
Maximum allowable backup fuss gL	80A/40A (DC)			
Recommended backup MCB	40A (DC)			
Others				
Working indicator	Available (GREEN: normal; RED: fault)			
Respose time	25 ns			
Terminal wiring capacity	Hard wire: 35mm² ; Flexible wire: 2.5-25mm²			
Torque capacity	3.5 N.m			
Recommended wiring for L/N	≥6mm²			
Recommended wiring for Grounding	≥10mm²			
IP grade	IP 20			
Optional function	YX-remote signaling			

HDYNEZ Selection Guide

Range Name	Max discharge current	Number of poles	Max continuous voltage	Accessory
HDYNEZ	**40**	**2**	**H**	**YX**
HDYNEZ: PV SPD	**40:** 40kA	**2P**	**L:** 800VDC **M:** 1000VDC **H:** 1200VDC **E:** 1500VDC	**Default:** No accessory **YX:** Remote signaling

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Order information

Product name	Max discharge current	Number of poles	Max continuous voltage	Without accessory
HDYNEZ	40kA	2P	800VDC	HDYNEZ402L
			1000VDC	HDYNEZ402M
			1200VDC	HDYNEZ402H
			1500VDC	HDYNEZ402E

Product name	Max discharge current	Number of poles	Max continuous voltage	With accessory
HDYNEZ	40kA	2P	800VDC	HDYNEZ402LYX
			1000VDC	HDYNEZ402MYX
			1200VDC	HDYNEZ402HYX
			1500VDC	HDYNEZ402EYX

Overall dimension



