



# HDY3N SURGE PROTECTIVE DEVICES

## FINAL DISTRIBUTION

# HDY3N Power Surge Protector

Standard: IEC 61643-11



### Main features

Rated voltage Uo	230V						
Poles	1P, 2P, 3P, 4P, 1P+N, 3P+N						
Protection rating	II						
Waveform	8/20us						
Product model	HDY3N-20	HDY3N-40	HDY3N-65	HDY3N-80	HDY3N-120	HDY3N-160	
Nominal discharge current In	10kA	20kA	30kA	40kA	60kA	80kA	
Maximum discharge current I <sub>max</sub>	20kA	40kA	65kA	80kA	120kA	160kA	
Maximum allowable backup fuse strength(gL)	50A	100A	125A	160A	200A	250A	
Maximum continuous operating voltage Uc	275/385/440V	275/385/440V	275/385/440V	275/385/440V	275/385/440V	275/385/440V	
Protection level Up	1.3/1.6/1.8kV	1.5/1.8/2.0kV	1.6/2.0/2.2kV	1.8/2.2/2.2kV	2.2/2.5/2.5kV	3.2/3.3/3.4kV	
Response time	≤25ns						
Operating state indicator	Green: normal; red: fault						
Terminal wiring capacity	Solid line≤35mm <sup>2</sup> , soft line 2.5-25mm <sup>2</sup> ,torque 3.5N.m						
Optional accessories	Available (YX remote signaling)						

### HDY3N Selection Guide

Product name	Protection Type	Maximum discharge current	Poles	Maximum continuous voltage	Accessories
<b>HDY3N</b>	<b>Default</b>	<b>65</b>	<b>2</b>	<b>275</b>	<b>YX</b>
<b>HDY3N</b>	<b>Default: II</b>	<b>20:</b> 20kA <b>40:</b> 40kA <b>65:</b> 65kA <b>80:</b> 80kA <b>120:</b> 120kA <b>160:</b> 160kA	<b>1:</b> 1P <b>2:</b> 2P <b>3:</b> 3P <b>4:</b> 4P <b>5:</b> 1P+N <b>6:</b> 3P+N	<b>Default:</b> 385V <b>275:</b> 275V <b>440:</b> 440V	<b>YX:</b> Remote signaling <b>Default:</b> No remote signaling

### Online Content



HDY3N



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