

YD40K385EH

MAIN FEATURE:

- Single phases AC power supply: symmetry compound circuit, fits for TT and TN system;
- Especially selective parameter of apparatus fits even more to defend equipment in poor-quality power net-work;
- Temperature control to shut-off technology and built-in over-current protection circuit avoid fire accident entirely;
- Low residual voltage, well protect customer' s equipment;
- Red, Green colors LEDs indicate operating state syllabify and straightly;
- Remote alert function makes your control easy;
- Small size, expedient installation and simple maintenance;
- Rarefied craftwork, Can work permanently on bad circumstance.



YD40K385EH for Low-Voltage Power Distribution Systems

PARAMETERS:

Model	YD40K385QH	YD40K385EH
Nominal voltage V_n	220/380V (Three Phases)	220V(Single Phase)
Continuous operating voltage V_c	385V	
Nominal discharge current I_n	20KA(8/20μ S)	
Max discharge current I_{max}	40KA(8/20μ S)	
Protection level U_p	1500V (3KA 8/20μ S)	
Response time	25ns	
Connecting cable section area	6mm ² ~25mm ²	
Connecting alarm cable section area	0.5mm ² ~1.5mm ²	
Dimensions (L x W x H)mm	90× 72× 68mm(alarm port excluded)	
Working environments	Temperature -40~ +70° C, Humidity relative 95% (25?), Altitude 3km	
Reserve the right for technology revise		

YD40K385DH

MAIN FEATURE:

- Single phases AC power supply: Symmetry complex circuit or 1+1 circuit using discharge tube mode with break-off function, fits for TT and TN system;
- Especially selective parameter of apparatus fits even more to defend equipment in poor-quality power net-work;
- Temperature control to shut-off technology and built-in over-current protection circuit avoid fire accident entirely;
- Low residual voltage, well protect customer' s equipment;
- Red, Green colors LEDs indicate operating state syllabify and straightly;
- Remote alert function makes your control easy;
- Small size, expedient installation and simple maintenance;
- Rarefied craftwork, Can work permanently on bad circumstance.



**YD40K385DH for Low-Voltage
Power Distribution Systems**

PARAMETERS

Model	YD40K385DH
Nominal voltage Un	220V(Single Phase)
Continuous operating voltage Uc	385V
Nominal discharge current In	15KA(8/20 μ S)
Max discharge current I_{max}	40KA(8/20 μ S)
Protection level Up	1500V (3KA 8/20 μ S)
Response time	25ns
Connecting cable section area	6mm ² –25mm ²
Connecting alarm cable section area	0.5mm ² –1.5mm ²
Dimensions (L x W x H)mm	90× 36× 68mm(alarm port excluded)
Working environments	Temperature –40~ +70° C, Humidity relative 95% (25?), Altitude 3km
Reserve the right for technology revise	

INSTALLATION:

1. the installation of the SPD

Standard 35mm mount rail, install in the general power distribution cabinet.

2. the connection of the SPD

2.1 Single phase SPD connection way shows as figure 1, figure 2, three phase SPD connection way shows as figure 3, and detailed connection please check attached instruction.

2.2 There is an alarm terminal on the SPD. Connection port is on the lower part of the base plate. If long distance control needed, connect the alert device in open circuit.

2.3 When the connection finished, please check it whether it is correct and credible, after that, switch on the power, if the LED shows green color, then the alarm system is on working and the connection is correct.