

Type II, Class II Surge Protection DSPE Range

Main Features

- Type II Class II surge suppression device
- Meets the requirements of EN 62305-4:2006 and EN 61643-11/12
- Low “let through” voltage of 600V
- Two stage (redundant) protection with pre-failure indication
- Full protection status with remote signalling
- Remote monitoring version available with 1 metre cable
- Easy installation and field serviceability
- Compact size and footprint

Description	Product Code
30kA 2-Stage, 3-pole surge protector	DSPE600
30kA 2-Stage, 3-pole surge protector with remote terminals and monitoring unit	DSPE600R
30kA 2-Stage, 3-pole surge protector with auxiliary contact	DSPE600N
Enclosure for DSPM units	2IP-7-0244

Specification

Description	Product Code
Voltage rating (Nominal), Un	400V rms
Maximum continuous operating voltage, Uc	L-N 200-300V rms L-L 350-500V rms
Maximum load current rating	Unlimited (parallel connection)
Maximum surge current (8/20ms)	30kA per phase
Response time	<10ns
Power consumption (nominal)	18mA per phase
Leakage current to earth	600mA
Terminals	Line, neutral & earth is 16mm ² (maximum) Remote signalling is 2.5mm ² (maximum)
Remote signalling terminals	Rated at 230V rms, 0.2A or 30V DC 2A
Operating temperature	-40°C to +70°C
LED status indication	Green = Full protection Red & Green = Reduced protection Red = No protection
Site fault condition indicator	Red – Lit or flashing means check Neutral / Earth supply
Case	Steel – Epoxy paint
Type according to BS EN 61643-11	SPD Type 2
Dimensions	Height = 176mm Width = 110mm Depth = 72mm
Weight	1.11 kgs

Note: It is recommended that this surge suppression device be installed on the load side of a 63A Type C MCB for protection.

Maximum backup fuse 100A gL/gG.
Maximum backup fuse 50A gL/gG.

Modular Devices



Dimensions

