



3-phase AC surge protector

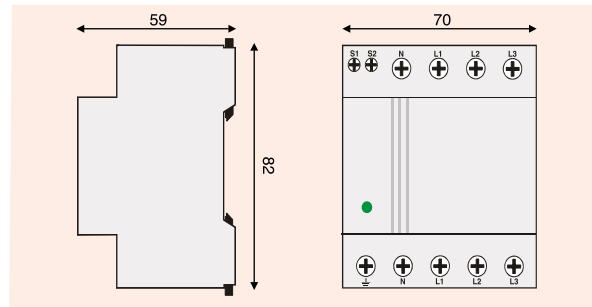
DS430D



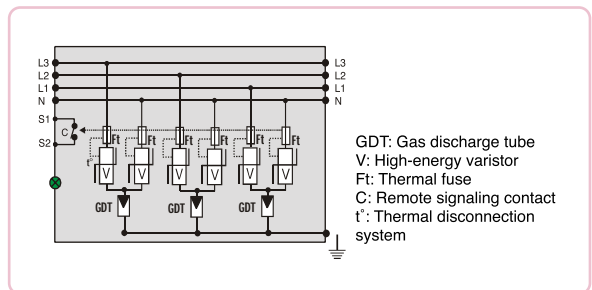
The DS430D is a surge protector for 3-phase+neutral networks. The "surge protection" function is fixed and the housing includes a disconnection indicator and a remote signaling contact. The DS430D surge protector is installed on the main distribution board and provides a Common/differential mode. The design of the DS430D allows installation in series on the network (up to 63A), optimizing the efficiency of the protection through the absence of voltage drops in parallel.

- 3-phase surge protection
- Discharge currents:
In: 15kA ; Imax: 30 kA
- Common/Differential mode
- Operating/disconnection indicator
- Remote signaling contact

Dimensions (in mm)



Electrical diagram



Characteristics

CITEL part number	DS430D-400
Type of network	230/400V 3-phase
Nominal voltage (CM/DM)*	Un 400/230V
Max. operating voltage (CM/DM)*	Uc 440/250V
Max. line current	Inom 3x63 A
Operating current leakage current at Un	Ic < 0,1 mA
Nominal discharge current 20 x 8/20µs impulses	In 15 kA
Maximum discharge current 1 x 8/20µs impulse)	Imax 30 kA
Protection level (CM/DM)* residual voltage at In	Up 2/1,5 kV
Admissible short-circuit current	Icc 10000 A
Associated disconnection devices	
Thermal disconnector	Internal
Fuses or circuit-breaker	Type gG or aM fuse, 14x51, 40A - C-curve HBC circuit-breaker, 50A
Disjoncteur différentiel de l'installation	Type "S" or delayed
Mechanical characteristics	
Dimensions	see diagram
Connection	by screw terminals, 1,5 to 25mm ² max
Disconnection indicator	Green Led off
Remote signaling of disconnection	by auxiliary contact
Mounting	Symmetrical rail (EN50022/DIN46277-3)
Operating temperature	-40/+85 °C
Housing material	Polycarbonate UL94-V0
Standards compliance	
IEC 61643-11	International Low-Voltage SPD (Test Class II)
NFC 61740	France Parafoudre Basse Tension
VDE 0675-6	Germany Überspannungableiter (Class C)

(*CM/DM : Common Mode/Differential Mode)

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