

# SPD Ethernet network

## Specifications

Designation	RJ45 Ethernet Cat 5E	RJ45 Ethernet Cat 6	RJ45 Ethernet POE
Part number	P8615	P8616	C3470
Network	Ethernet	Ethernet Cat 6	Power over Ethernet
Data rate max.	1000Mbps	1000Mbps	10Mbit/s
Nominal Voltage signal Un	5Vdc	5Vdc	48Vdc
Voltage max. signal Uc	8Vdc	8Vdc	60Vdc - 1200mA
Configuration	4 pairs + shielded + earth	4 pairs + earth	8 wires + shielded
Nominal discharge current In : 8/20 $\mu$ s			
Phase / Phase	<500A	<100A	<500A
Phase / Earth	2000A	100A	2000A
Max Discharge Current limp - test 10/350 $\mu$ s x2	500 A	500 A	500 A
Protection Level Up	20 V	20 V	70 V

### Mechanical characteristics

Connection	RJ45 armored
Disconnection indicator	Transmission interrupt
Earth connection	mounting flange/ DIN rail/screw lug
Housing Material	Aluminum
Ingress protection	IP20

### Standards compliance

CEI 61 643-21  
 EN 61 643-21  
 IEEE 802-3af (transmission)  
 IEC 61000-4-5 (overvoltage withstanding)

### NOTE

SPD RJ 11 and RJ 45 are also available on request specifically for telecommunications applications RTC or ADSL, ISDN

