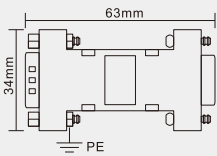
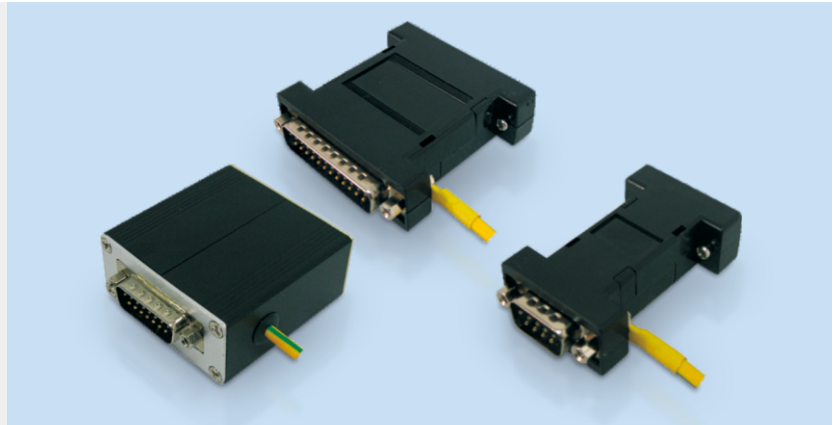
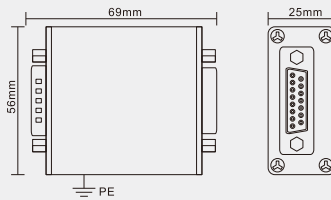


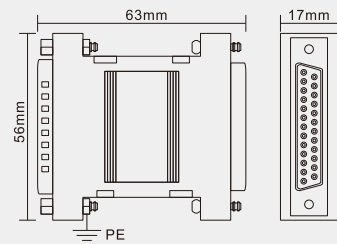
## SPDs for D-Sub TY-DB



TY-DB9



TY-DB15



TY-DB25

	TY-DB9	TY-DB15	TY-DB25
Test standards	IEC 61643-21	IEC 61643-21	IEC 61643-21
Nominal voltage	Un	12V	12V
Max. continuous operating d.c. voltage	Uc	15V	15V
C2 Nominal discharge current(8/20µs) line-SG In	5kA	5kA	5kA
C2 Nominal discharge current(8/20µs) SG-PG In	10kA	10kA	10kA
Voltage protection level [line-SG]	Up	≤40V	≤40V
Voltage protection level [SG-PG]	Up	≤500V	≤500V
Response time [line-SG]	tA	≤1 ns	≤1 ns
Response time [SG-PG]	tA	≤100ns	≤100ns
Operating temperature range	TU	-40°C...+80°C	-40°C...+80°C
Connection input/output	D-Sub 9 plug/socket	D-Sub 15 plug/socket	D-Sub 25 plug/socket
Pinning	line:3/8, SG:5, PG:1	line:2/9,4/11, SG:8, PG:1	line:2/3/4/5/6/8/20, SG:7
Bandwidth	10 Mbps	10 Mbps	10 Mbps
Insertion Loss	≤0.3dB	≤0.3dB	≤0.3dB
Enclosure material	aluminium alloy		
Degree of protection	IP20	IP20	IP20
Order Code	D9070	D9071	D9072