

# FS-DR

- ◆Interface: DINRail
- ◆No. discharge current  $I_n$ : 5kA.
- ◆Max. discharge current  $I_{max}$ : 10kA
- ◆Complies with: IEC61643-21:2000
- ◆Applaction: 4~20mA circuit, RS485 circuit, Rs422 circuit, Car park system, CCTV remote monitor, Gasdetector Romtecontrol circuits



Model NO.	FS-DR-5/1.6	FS-DR-12/2.9	FS-DR-15/4.1	FS-DR-24/5.6	FS-DR-30/7.0	FS-DR-48/9.3	FS-DR-60/10
Rated Volatage $U_n$	5Vdc	12Vdc	15Vdc	24Vdc	30Vdc	48Vdc	60Vdc
Max.Cont.Operating DC Voltage $U_c$	6.0Vdc	15Vdc	17.8Vdc	26.8Vdc	34.8Vdc	55.1Vdc	70.1Vdc
Nominal Discharge Curren (8/20 $\mu$ s) $I_n$	5kA						
Max.Discharge Current(8/20 $\mu$ s) $I_n$	10kA						
Voltage Protective Level L/L(limp D1) $U_p$	$\leq 50V$	$\leq 70V$	$\leq 85V$	$\leq 100V$	$\leq 130V$	$\leq 200V$	$\leq 240V$
Voltage protective level L/PE(limp D1) $U_p$	$\leq 45V$	$\leq 60V$	$\leq 70V$	$\leq 80V$	$\leq 80V$	$\leq 120V$	$\leq 150V$
Each Line series resistance	1.00hm	1.50hm	1.80hm	1.80hm	1.80hm	1.80hm	1.80hm
Band Width L/L fG	1.6MHz	2.9MHz	4.1MHz	5.6MHz	7.0MHz	9.3MHz	10.0MHz
Capacitance L/L C	$\leq 3.0nF$	$\leq 1.0nF$	$\leq 0.9nF$	$\leq 0.7nF$	$\leq 0.6nF$	$\leq 0.3nF$	$\leq 0.3nF$
Capacitance L/PE C	$\leq 5.0nF$	$\leq 2.0nF$	$\leq 1.8nF$	$\leq 1.3nF$	$\leq 1.1nF$	$\leq 0.6nF$	$\leq 0.6nF$
Working Temperature Range	-40 $^{\circ}$ C~+85 $^{\circ}$ C						
Installation	35mm DIN Rail						
Color	Yellow or Rail						
Testing standard	IEC 61643-21:2000						

