



# FOR EQUIPMENT PROTECTION SIGNAL ARRESTER

# 340 SERIES

## FEATURES

- Specially designed for the lightning protection of signal transmission lines.
- Lightning protection consists of a combination of discharge element and zener diode.
- Wall or DIN rail mounting and compact design.
- Automatic recovery characteristics.

## APPLICATIONS

AVAILABLE	MODEL SELECTION				
	340A	340B	340C	340D	340E
DC4~20mA transmitter				●	
Interface CMOS levels			●		
Interface TTL		●	●		
RS232 · 422 · 485 computer links		●	●		
Modems, Duplexers.	●	●	●		
Telemetry FSK, AM, FM, PM		●			
Telephone communication lines					●

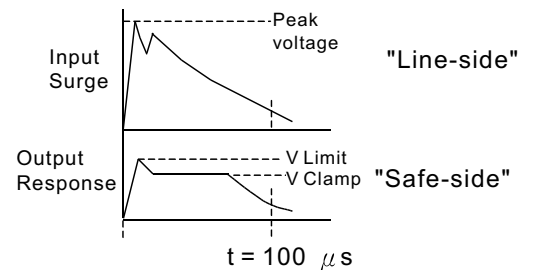
## SPECIFICATIONS

ITEMS	MODEL SELECTION				
	340A	340B	340C	340D	340E
Clamping voltage $\pm 10\%$	1.1V	7.5V	15V	31V	160V
Worst surge peak V limit	8V	15V	25V	40V	180V
Input voltage for 5 $\mu$ A leakage		5.6V	14V	30V	150V
Inner resistance	4 $\Omega$	10 $\Omega$			
Discharge voltage (Line to GND)	500 Vdc				
Discharge capacity	20KA 8x20 $\mu$ S				
Impulse voltage	15KV ( 1x40 / 1.2x50 $\mu$ S )				
Response time	1 nS				
Frequency width	$\geq 10$ MHz				
Case material	ABS ( Black )				
Optional accessories	Outdoor housing ( IP67 or Ex. )				
Work environment	-20~60 $^{\circ}$ C , 0~95% RH				
Nominal working current	Max. DC 300mA				

Note :If you consider to place signal arrester outdoor, it should be installed in the inner of outdoor housing.

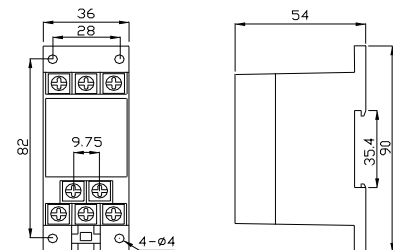


## ARRESTER EFFECT



## DIMENSIONS ( mm )

■ W36xH90xD54 mm

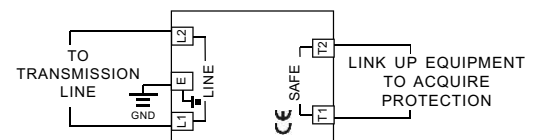


## WIRING CONNECTIONS

### ■ GROUNDING NECESSITY

The earth terminal "E" of 340 series arrester must be connected to the ground.

The earth resistance must be less than 100 ohms.



## DOERS TECHNOLOGY CORPORATION

4F, NO. 1, LANE 11, TZU CHIANG STREET, TU-CHENG  
INDUSTRIAL PARK, TAIPEI COUNTY, TAIWAN 236  
Http:www.doers.com.tw  
E-mail:doers.tech@msa.hinet.net  
TEL : 886-2-22682689  
FAX : 886-2-22681248

The specifications are subject to change without prior notice.

