



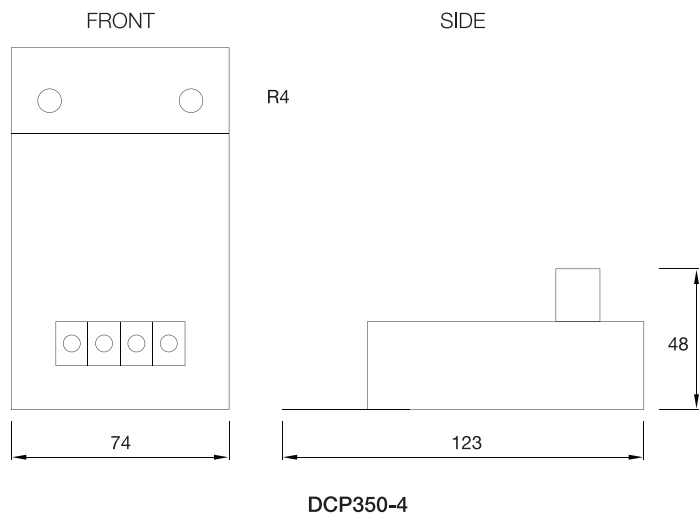
**Standard of compliance**

- MS IEC 61643-11

**Reference Standard**

- IEEE C62.31
- BS 6651

**DIMENSION**



**DC SURGE PROTECTOR**

**DESCRIPTION**

MARSA DC surge protectors, DCP350 series are designed specifically to provide protection for DC supply from the dangers of Malaysian Extreme Lightning Surges. Line of products are able to protect up to 20kA surge current per line.

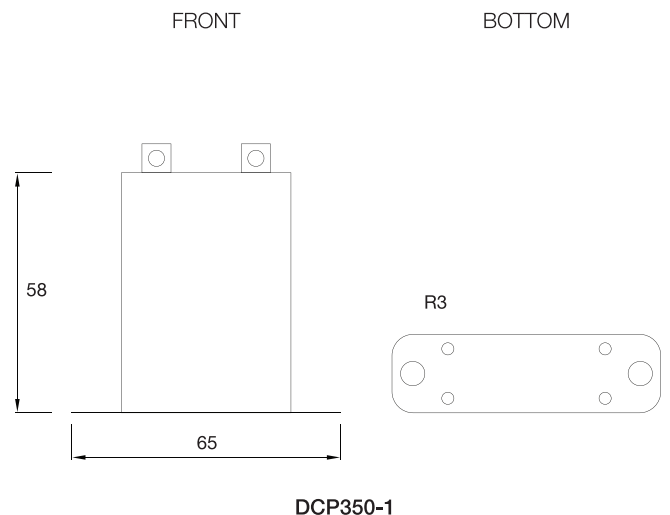
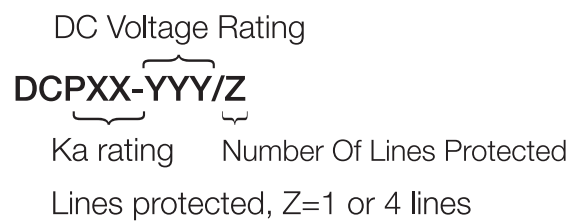
**Features and Benefits**

- ✓ Robust, small and easy installation
- ✓ Transient over current protector

**Application**

Solar system, DC controller box and etc

**SELECTION GUIDE**



**ELECTRICAL SPECIFICATION**

	DCP40-100/X	DCP40-200/X	DCP40-350/X	DCP40-580/X	DCP40-850/X
PROTECTION MODE	FULL MODE				
CONNECTION TYPE	PARALLEL				
OVERHEAT PROTECTION	THERMAL FUSE EACH MOV				
NOMINAL VOLTAGE	100V	200V	350V	580V	850V
MAX WORKING VOLTAGE	105V	210V	370V	600V	890V
EARTH LEAKGE CURRENT	<200uA				
MAX DISCHARGE CURRENT	40kA	40kA	40kA	40kA	40kA
LET THROUGH VOLTAGE					
20kV 1.2/50us open circuit voltage	<1.2kV	<1.4kV	<1.6kV	<1.8kV	<1.9kV
10kV 8/20us short circuit current					
10kV 1.2/50us open circuit voltage	<1kV	<1kV	<1.3kV	<1.5kV	<1.7kV
5kA 8/20us short circuit current					
6kV 1.2/50us open circuit voltage	<440V	<440V	<720V	<980V	<1.5kV
3kA 8/20us short circuit current					

**MECHANICAL SPECIFICATION**

	DCP40-100/X	DCP40-200/X	DCP40-350/X	DCP40-580/X	DCP40-850/X
WORKING TEMPERATURE	-40 ~ 85°C				
WORKING HUMIDITY	0-90%				
CASE MATERIAL	ALUMINIUM				
WEIGHT	50g/80g	50g/80g	50g/80g	50g/80g	50g/80g
Standard of Compliance	MS IEC 61643-11				