



**Main**

Range of product	Acti9
Product name	Acti9 iPRE
Device short name	iPRE
Product or component type	Surge arrester
Number of protected lines	8
Surge arrester type	Ethernet protection
Data socket type	RJ45

**Complementary**

Remote signalling	Without
Surge arrester technology	GDT + diode
[In] rated current	0.3 A
[Ue] rated operational voltage	5 V DC
Nominal discharge current	2.5 KA line to earth 8/20 $\mu$ s C2 0.25 KA line to line 8/20 $\mu$ s C1 0.5 KA line to earth 8/20 $\mu$ s C1
Maximum discharge current	10 kA 8/20 $\mu$ s C2
[Iimp] impulse current	1 kA line to earth 10/350 $\mu$ s class D1
[Uc] maximum continuous operating voltage	6.5 V DC
Maximum [Up] voltage protection level	Differential mode <35 V L+/L- Common mode <500 V L+/PE
[I total] discharge current	10 kA
Cut-off frequency	3 dB at 250 MHz
Mounting mode	Socket-mounted
Mounting support	35 mm symmetrical DIN rail
9 mm pitches	2
Height	106 mm
Width	25 mm
Depth	45.2 mm
Net weight	105 g
Colour	Grey
Material	Aluminium
Response time	< 1 ns
Insulation resistance	>= 5 MOhm
Type of cable	Twisted shielded cable 4 pairs

**Environment**

Standards	IEC 61643-21 EN 61643-21
IP degree of protection	IP20 conforming to IEC 60529
Relative humidity	5...95 % conforming to IEC 61643-21
Operating altitude	2000 m conforming to IEC 61643-21
Ambient air temperature for operation	-40...70 °C
Ambient air temperature for storage	-40...70 °C

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	5.3 cm
Package 1 Width	5.2 cm
Package 1 Length	15.2 cm
Package 1 Weight	210 g
Unit Type of Package 2	BB1
Number of Units in Package 2	12
Package 2 Height	6.5 cm
Package 2 Width	24.0 cm
Package 2 Length	55.0 cm
Package 2 Weight	2.66 kg
Unit Type of Package 3	CAR
Number of Units in Package 3	36
Package 3 Height	22.0 cm
Package 3 Width	30.0 cm
Package 3 Length	57.0 cm
Package 3 Weight	8.69 kg

## Offer Sustainability

REACH Regulation	 <a href="#">REACH Declaration</a>
REACH free of SVHC	Yes
EU RoHS Directive	Compliant  <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
China RoHS Regulation	 <a href="#">China RoHS Declaration</a>
RoHS exemption information	 Yes