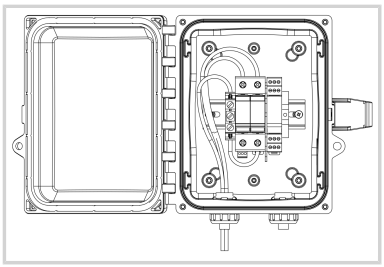
CAD2-120S-224-A



AC Power and Dataline Surge Protector

- AC Imax 75kA 8x20 µs
- Data Imax: 20 kA 8x20 µs
- Replaceable Modules for Fast and Easy Maintenance
- Remote Signalization
- Visual Fault Indication
- Nema 4X Enclosure
- UL 1449 5TH Edition Listed (Type 1)



Electrical Characteristics		
AC SURGE PROTECTION		SEE BELOW
VOLTS	(V)	120
AC/DC/DC PV/RF		AC
PHASE	(PH)	1
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		L-L, L-G, L-N, N-G
VPR	(V)	1200/800/700
MCOV	(V)	300/150/150
IN *15 impulses 8/20µs*	(kA)	20
SCCR	(kA)	100
IMAX *8/20µs*	(kA)	75
REMOTE SIGNALIZATION		AC MAX: 250V/0.5A, DC MAX:30V/3A, MIN. AC-DC-100mA
DATA LINE SURGE PROTECTION		SEE BELOW
NOMINAL LINE VOLTAGE	(Vdc)	24
MAX. LINE VOLTAGE	(Vdc)	170
LINE CURRENT MAX.	(mA)	300
MAX. FEQUENCY	(MHz)	3
INSERTION LOSS (@ Max. Frequency)	(dB)	<1
IMAX-8/20us 1x	(kA)	20
IN-8/20us-10x	(kA)	10
Iimp-10/350us-2X	(kA)	5
RESIDUAL VOLTAGE	(V)	40
Mechanical Characteristics		
APPLICATION		WATER/WASTEWATER
INSTALLATON LOCATION		INDOOR/OUTDOOR
TECHNOLOGY		AC-MOV, DATA LINE-GDT-SAD
AC CONNECTION		2W+G, Prewired- 5ft #10 AWG Wire- P-Blk, N-White, G-Green
DATA LINE CONNECTION		4W+SHIELD+G, 16-22 AWG WIRE, SCREW TERMINALS
MOUNTING		SURFACE MOUNT
MATERIAL		Polycarbonate
NEMA RATING (IP RATING)		4X (IP67)
REAL-TIME DIAGNOSTICS		Visual indicator and remote contacts
DIMENSIONS		8X6X4 -Inches
Standards		
Environmental standards		EU RoHS
UL STANDARD		UL1449 5th Edition
UL CATEGORY		VZCA
UL FILE NUMBER		E326289
Part number		
890802		