



Challenge Electronics
95 East Jefryn Boulevard
Deer Park, NY 11729

Tel: 1-800-722-8197
1-631-595-2217
Fax: 1-631-667-5484

EMAIL: Sales@Challelec.com
WEB: www.ChallengeElectronics.com
ISO 9001:2008; ISO-TS 16949:2009 Certified

PRODUCT INFORMATION

Part #: **CE-VC**

Revision: 2-2014



DESCRIPTION	FEATURES
<p>Challenge Electronics Mechanical Volume Control Rotor; installed by customer on CE Series of Piezoelectric Panel Alarm; optional for "A" style Cases; RoHS, Lead Free Compliant</p>	<ul style="list-style-type: none"> ◆ Extended storage temperature ◆ Attenuate the Output Sound Power Level up to 20 dB(A) ◆ Easy Mounting ◆ Easy Adjustments ◆ RoHS, Lead Free Compliance ◆ ISO 9001:2008 & ISO-TS 16949:2009 Certified
SPECIFICATIONS	

Function	Mechanical Volume Control Rotor functioning as a Shutter		
Attenuating the Sound	<p>While alarm is on, rotate the Volume Control ROTOR until maximum desired sound achieved. Maximum Sound Pressure Level (SPL) can be restricted up to 20 dB(A) from maximum output. Note: The Volume Control Rotor may affect alarm maximum loudness. Typical, the SPL will be reduced 0-3 dB(A) and in some instances it may increase 0-3 dB(A). This is a result of changing the Alarm Mechanical Resonant Frequency to bring it closer to the Alarm Oscillating Frequency or moving it a way which results in lower SPL</p>		
Operating Temperature	-30°C to +80°C	Storage Temperature	-40°C to +100°C
Rotor Material	Plastic, NORYL™, PX9406 or equal, flame retardant UL 94-V0, Black		
Physical Dimensions	Diameter 0.04" (26.4 mm) Ø	Width	Height 0.20" (5.0 mm)
Approximate Weight	1 gram	Compliance	RoHS, Lead Free
Assembly Instruction	<ol style="list-style-type: none"> 1. Install the alarm in the Panel 2. Secure it by tightening the Ring Nut 3. Push the CE-VC into the front of the alarm until it snaps into the Plastic Housing 4. While the alarm is turned on, Adjust the Volume by turning the ROTOR to the desired Sound Pressure Level 		

DIMENSIONS	ASSEMBLY DRAWING				
<p>FRONT VIEW SIDE VIEW REAR VIEW</p>	<p>FRONT VIEW CE-VC RING NUT SIDE VIEW</p> <p style="text-align: center; font-weight: bold;">CE-VC</p>				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Units</td> <td style="width: 15%;">Inches (mm)</td> <td style="width: 30%;">Tolerance</td> <td style="width: 40%; text-align: center;">0.03 (0.76)</td> </tr> </table>	Units	Inches (mm)	Tolerance	0.03 (0.76)	
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Revision	Description	By	Date
1-2010	Changed Attenuating the Sound description	Ely Zofan	7/23/2010
2-2014	Corrected Part Number and modified the format	W. Sargent	6/20/2014