

PROJECT FIRM ORDER # TYPE QTY



The Acclaim Lighting **AJBOX1™** is an IP66-rated junction box designed to safely route hybrid cables into separate AC power and DMX conduit runs. AJBOX1 features push terminals for quick cable connections and built-in surge protection for the attached fixtures.

At a glance

<p>AC input</p> <p>120 to 277VAC 15A maximum</p>	<p>Maximum power</p> <p>120VAC 1,800W 230VAC 3,450W 277VAC 4,155W</p>	<p>Construction</p> <p>NEC compliant: physical separation of power and signal conductors</p>	<p>Temperature</p> <p>-40° F to 146° F -40° C to 60° C</p>	<p>Protection</p> <p>Ingress: IP66 Surge: 10kV, 5kA</p>
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Specifications

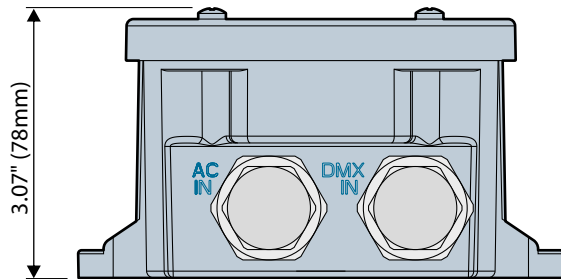
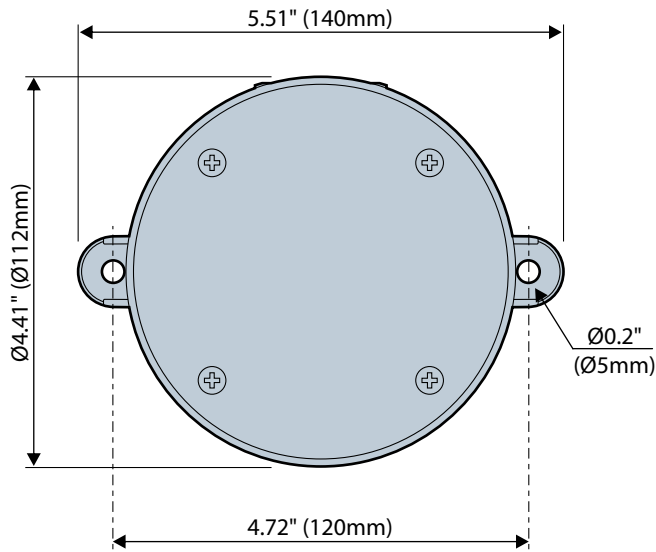
Maximum input voltage	390VAC
Maximum total current	15A
Maximum line power	120VAC: 1,800W , 230VAC: 3,450W , 277VAC: 4,155W
External connection ports	Two ½" NPT conduit inlets for separate AC and control cable inputs One ¾" NPT conduit outlet for combined hybrid feed cable
Cable/connector design	NEC compliant: physical separation of power and low voltage signal conductors
Maximum conductor size	12 AWG
Internal connections	Two separated 3-conductor push terminals for AC and control links
Ingress protection	IP66 when connection points are correctly sealed by installer
Surge protection	10kV, 5kA
Material	Black polycarbonate body and lid, with aluminum conduit connection inserts
Form factor	4" round body, directly compatible with Dyna Accent and Dyna Accent Mini mount bases
Operating temperature range	-40° F to 140° F (-40° C to 60° C)
Warranty	5 years, limited
Weight	1.03 lbs (0.467 kg)
Certifications	   



Order code
AJBOX1

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Dimensions



Recommended data cables

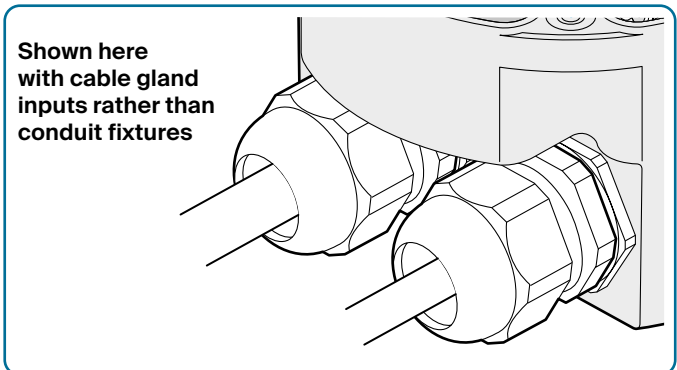
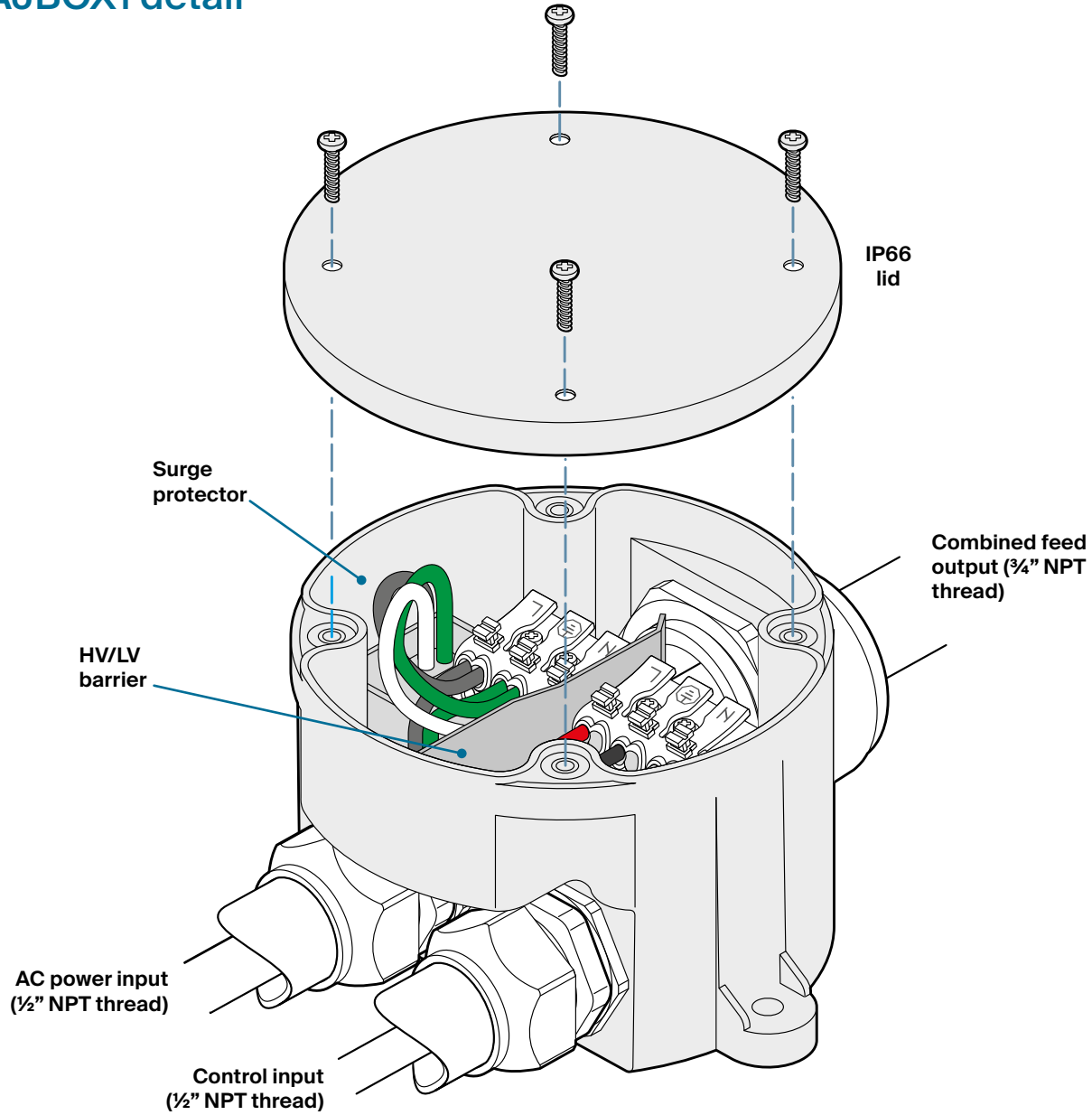
By others, please consult local requirements:

- Indoor exposed or inside conduit above grade Belden 9842
- Indoor plenum Belden 82842
- Outdoor exposed, direct burial, or inside conduit below grade Belden 3107DB



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AJBOX1 detail



For full installation details, please refer to the **user guide**, available for free download here:

