

D Series

Automatic Load

Control / Bypass Relays



The Assurance Emergency Lighting ALCR Devices can be used as Automatic Load Control or Bypass relay devices to turn on emergency lighting loads from generators or inverters in the event of normal power interruption. Several models are available for installation either inside or external to the luminaire. **They are all compatible with 0-10 Vdc dimming systems** and allow switched off or dimmed luminaire(s) to turn on to **full power** during the emergency operation.

CAD Drawings available



	ALCR-D20	ALCR-D20L-C	ALCR-D20L	ALCR-D10L	ALCR-D10L-C
Relay Contact Rating	16A	20A	20A	10A	10A
Normal Power Supply Voltage	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac
Normal Power Supply Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
Normal Power Supply Current (mA)	24mA	25mA	25mA	25mA	25mA
Emergency Power Supply Voltage	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac	120-277 Vac
Emergency Power Supply Frequency	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz	50/60 Hz
0-10Vdc Dimming Override	For full Emergency Illumination	For full Emergency Illumination	For full Emergency Illumination	For full Emergency Illumination	For full Emergency Illumination
Remote Test input	Class 2 Dry Contacts for optional TS	Provided w/2' flex & IP65 ITS on wall plate	IP65 ITS provided	IP65 ITS provided	Provided w/2' flex & IP65 ITS on wall plate
Test Switch	Optional RTS-ALCR-D520 or TB-D1020	Standard	Standard	Standard	Standard
Remote Fire Alarm Contacts	Yes	No	No	No	No
Operating Temperature °C	-35 to 60	-20 to 55	-20 to 55	-20 to 55	-20 to 55
Warranty	5 Years Full	5 Years Full	5 Years Full	5 Years Full	5 Years Full
Approvals	UL Listed to UL924	UL Listed to UL924	UL Listed to UL924	UL Listed to UL924	UL Listed to UL924
Made in USA	Yes	No	No	No	No
Mounting	1/2" Threaded Nipple Mounting	Bottom Mount w/2' flex & IP65 ITS on wall plate	Ballast Channel Mounting	Ballast Channel Mounting	Bottom Mount w/2' flex & IP65 ITS on wall plate

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