

MODEL DIFFERENCES:

A. Models SOLOdrive564/A, SOLOdrive564S, SOLOdrive563/A, SOLOdrive563/S, ECOdrive561/A, ECOdrive561/S, ECOdrive560A and ECOdrive560/S employ the identical construction except for the design of housing as follows:

- The case of the SOLOdrive56x/A and ECOdrive56x/A models is also provided with a polymeric terminal block and cable retention cover

B. The dimming circuit from the led drivers are as follow:

- "DALI": Provided on models:
ECOdrive560/A, ECOdrive560/S,
SOLOdrive560/S, DUALdrive560/S,
SOLOdrive563/A and SOLOdrive563/S
- "0-10": Provided on models:
ECOdrive561/A, ECOdrive561/S,
SOLOdrive561/S, SOLOdrive564/A and SOLOdrive564/S

C. The dimming set by the firmware is as follows:

Models	Increment %	mA DC
SOLOdrive563/A SOLOdrive563/S SOLOdrive564/A SOLOdrive564/S	0.1	1.0
ECOdrive560/A ECOdrive560/S ECOdrive561/A ECOdrive561/S	1.0	25
SOLOdrive560/S Dualdrive560/S SOLOdrive561/S	0.1	1.0

D. Models SOLOdrive560/S, SOLOdrive561/S, and DUALdrive560/S employ the identical construction as described in this report except where noted. These models are also provided with two output channels as follows:

- Model DUALdrive560/S - Each output channel is controlled by an independent programming setting point
- Model SOLOdrive560/S - Both output channels are controlled from one programming setting point
- Model SOLOdrive561/S - Both output channels are controlled from one 0-10V setting point

Conditions of Acceptability:

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by UL LLC.

- The drivers shall be used within the recognized electrical ratings. The drivers are suitable for a maximum output current of 1400 mA DC. However, the output current may be set at the factory during production to any current setting between 150-1400 mA DC
- The drivers** are "TL" type with the following "Tref" rating at the "Tc" location specified on the marking label. Therefore, when the drivers are installed in the end product, the following "Tref Max" limits should not be exceeded:

MODEL		Type "TL" Led driver		
		Tref max (°C)	Measured Tref (°C)	Load Current (mA DC)
SOLOdrive563/S	ECODrive560/S_	70	56	1400
SOLOdrive564/S	ECODrive561/S			
SOLOdrive560/S	DUALdrive560/S	80	63	1400
SOLOdrive561/S				

In addition, the suitability of other marked ratings, such as the 50 C maximum operating ambient were not evaluated

- The drivers were found suitable for use in a "DRY" and "DAMP" locations
- The drivers employ R/C (XCFR2/XCFR8), terminal blocks for the connection of the input, dimming and output. The minimum electrical rating of the terminal blocks are 300V, 5A. The terminal blocks are suitable for field and factory wiring.
- The maximum measured Leakage Current Measurements that also include the maximum available leakage current from the accessible Class 2 output circuit were as follows **except as specified in the table:**

Model	Maximum Measured		
	240 V AC	277 V AC	120 V AC
ALL	0.43 mA	0.53 mA	--
SOLOdrive560/S	---	0.60 MIU	0.26 MIU
DUALdrive560/S	---	0.60 MIU	0.26 MIU

The **leakage current** measurements shall be performed on the combination of the LED driver and the end-use product.

- Driver models ECODrive560/A, ECODrive560/S, **SOLOdrive560/S**, **SOLOdrive563/S**, SOLOdrive563/A, and **DUALdrive560/S** are dimmable and are provided with an isolated "DALI" dimming interface circuit. The "DALI" circuit is isolated from the primary and secondary circuit (Terminals DA+, DA-).

Conditions of Acceptability - Continued:

7. Driver model ECOdrive561/A, ECOdrive561/S, SOLOdrive561/S, SOLOdrive564/S and SOLOdrive564/A are dimmable and are provided with an isolated "0-10" dimming interface circuit (Terminals designated "0-10+" and "0-10-"). The maximum available parameters from the dimming circuit terminals meet the limits for a Class 2, inherently limited source
8. The polymeric cable retention is R/C (QMFZ2/QMFZ8) rated V-0, min. 125°C. When applicable in the end-use application, the suitability of the material used shall be determined in the end-use application.
9. The drivers are intended for connection to a branch circuit with a maximum 20-Ampere branch protection.
10. The identification of input/output/dimming terminals is as follows:

Terminal Blocks	Connection
L	Supply line
N	Supply Neutral
PG	Grounding (*)
LED1+, LED1- LED2+, LED2-	Channel 1: Output Positive, Negative Channel 2: Output Positive, Negative
LED code+ / LED code-	Factory current setting terminals (*)
0-10V+ / 0-10V-	"0-10" Dimming connections
DA-, DA+,	"DALI" Dimming connections
<p>(*) = The suitability and the reliability of this connection to serve as main Grounding Means of the LED driver case have not been evaluated. Therefore, the driver case must be connected to earth ground in the end-use application</p> <p>(**) = Programming circuit connections for current setting at the factory. The output current may be set at the factory during production to any current setting between 150-1400 mA DC</p>	

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Conditions of Acceptability - Continued:

11. The following models were evaluated for use at a case temperature at lower output current rating as shown in the table below. See label for the Tc location on the units:

MODEL	Load Current	Measured Temp (Tc)	Max Temp (Tc)
SOLOdrive563/A SOLOdrive563/S SOLOdrive564/A SOLOdrive564/S ECODrive560/A ECODrive560/S ECODrive561/A ECODrive561/S	*1050 ma	56°C	74°C
SOLOdrive563/A SOLOdrive563/S SOLOdrive564/A SOLOdrive564/S ECODrive560/A ECODrive560/S ECODrive561/A ECODrive561/S	*700 mA	52°C	74°C