

Switches

LTSS

Solid State Contactor for high-frequency switching of low-power auxiliary DC or AC loads



Main characteristics:

° Compact dimensions

° Maintenance free

° Short-Circuit Protection

If the LTSS detects a short-circuit at its output, it will open and a red light indicator will signal the problem. The LTSS will resume normal operation when the short-circuit is removed and when the command turns OFF the LTSS and is then reapplied.

° Over Temperature Protection

If the air flow is too low to cool the LTSS, or if the air temperature is too warm, or if there is too much current in the module, the LTSS will open and a red light indicator will illuminate to signal the problem. The LTSS will resume normal operation as soon as the temperature decreases.

° "Closed" Indicator & Feedback Auxiliary Contact

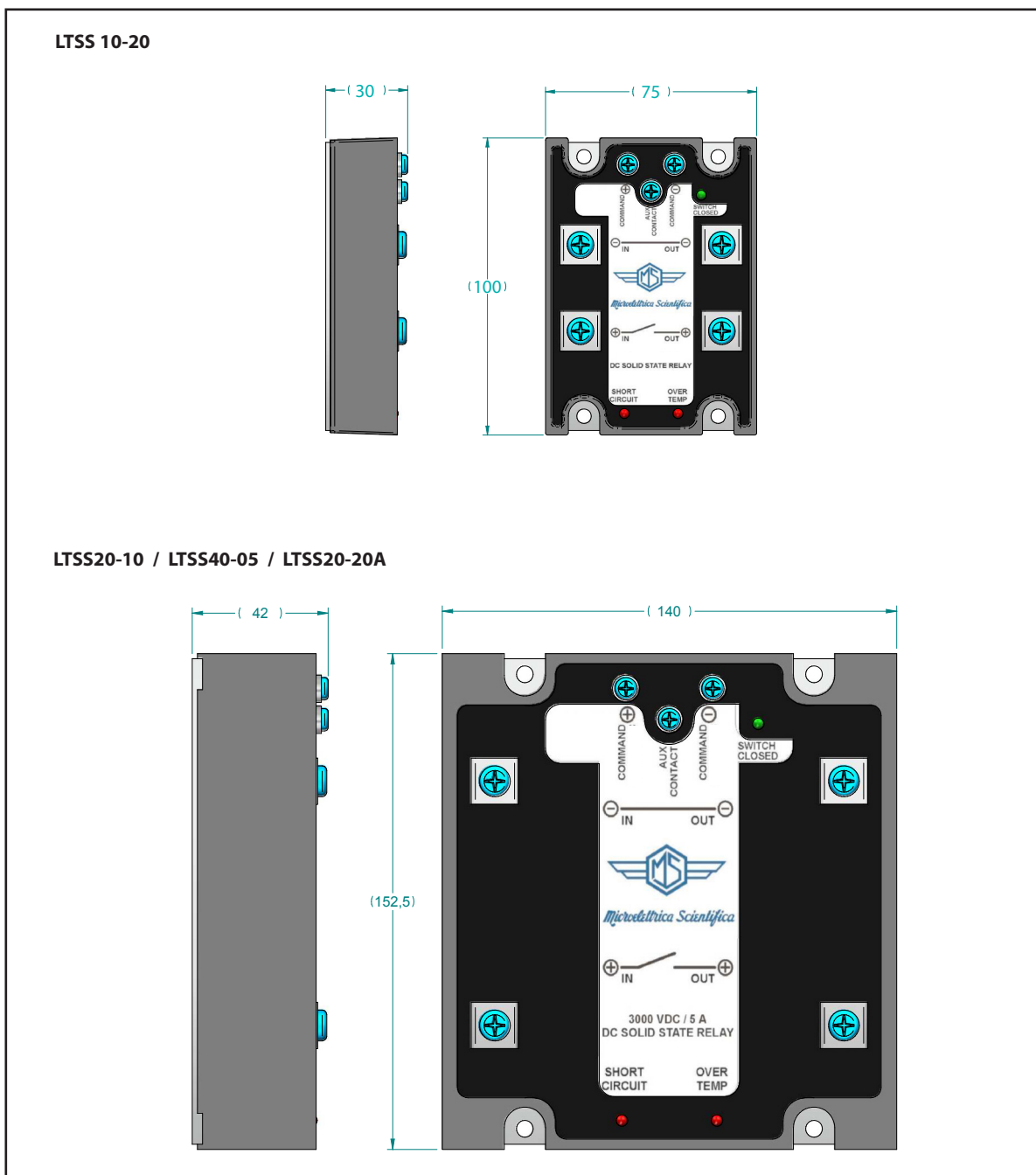
The "Closed" green light indicator illuminates when the LTSS closes. The feedback auxiliary contact will close at the same time. Both indicators turn off as soon as the LTSS is commanded OFF.

Characteristic	LTSS10-20	LTSS20-10	LTSS40-05	LTSS20-20A
Rated operational voltage	750Vdc	1500Vdc	3000Vdc	1500Vac
Rated insulation voltage [V]	1000	2000	4000	2000
I _{th} (natural convention) [A]	20	10	5	20
I _{th} (forced ventilation) [A]	30	15	7,5	30
Control voltage [Vdc]	18÷132	18÷132	18÷132	18÷132
Overall dimensions [mm]	75x105x53	140x152x63	140x152x63	140x152x63



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Overall dimensions [mm]



Rev.00 09/2012

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