NOTE:

The secondary terminals of this device are intended as an electrical connection only. Applications must be designed to minimize any forces applied to the secondary terminals, this can be accomplished by transferring forces to a structural member.

NOTE:

See RC-5583 for rating curve
See LC-5583 for load curve

ALL DIMENSIONS IN MILLIMETERS

POWER SUPPLY

ISO 22829 TYPE S

DRAWING NUMBER: 5583-1
Rating Curve for RoMan TDC 5583, 1 coolant circuits at 1.585 GPM minimum (6.0 LPM) per circuit, 100 kVA @ 50% duty cycle and 9.03 VDC (transformer). 30°C max coolant inlet temp, 10 million weld life expectation at these conditions, Contact RoMan if duty cycle exceeds 20%.

Rectifier % duty cycle is based on shortest time from beginning of one weld to beginning of next weld.
Transformer % Duty cycle is the total “On” time in 1 minute.