



POWER SYSTEMS 9.2

REGULATORS TCR (chapter 3.1)

- power supply of serial current circuits for signal lights at airports and heliports
- thyristor regulation
- air cooled transformer 4-30 kVA
- multi-processor control system
- entering of data and display of operational values with use of push buttons and multi-functional LCD display
- current system 6,6 A or 8,3 A (switchable)
- regulation with 3/5/7 degrees of luminous intensity
- over-current and over-voltage protection with remote and local signalling
- remote and local control
- measuring insulating state of loops (module EFD)
- measuring the number of defective lamps
- comprehensive diagnostics of regulators with use of the AMS system
- all components and connection points are accessible from the front, which enables placing of regulators with back right to the wall
- easy repairs with use of quickly replaceable modules
- single and double execution



- execution for 2, 3, 4, and 5 output loops with the module LCS (for TCR.2.04 and TCR.2.10)
- the possibility of power optimization
- regulator operates in the range of 0–100% of the nominal performance

TRP.1 (chapter 4.1)

- power supply for parallel lighting circuits
- intended for use with lights of the series ML 121 HP and ML 124 H
- air-cooled transformer 2,8 kVA
- control by switches on distributor's front panel
- regulation to 3 steps of intensity
- possibility of control of up to 3 loops
- outdoor execution
- mounting on wall or supporting structure
- remote and local control
- remote signalling of operational and failure states
- easy maintenance
- economically advantageous for smaller lighting systems



chapter:

9.2 POWER SYSTEMS



RDG (chapter 4.3)

- ensuring of uninterrupted power supply source (63 A) for heliport equipment from constant current regulators (CCR)
- automatic stand-in between main supply source and feeding from diesel generator set
- it feeds auxiliary distributor, which feed airport equipment, which requires uninterrupted power supply
- two inlets
- mounting on steel stand
- rack made of steel sheet, entry from the flat
- control elements on doors



RDG+TRP.1 (chapter 4.4)

- combination of rdg (63 A) and TRP.1 (230 V) in one rack

