Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

RoHS Compliant

SPECIFICATIONS
MODEL 4505R
(Cat. No. 304505R)

LineSelect® Model 4505R DB9 A/B/C/D Switch with Manual Operation, RoHS Compliant

- *Ideal for device-sharing applications; Applicable to ANY DB9 interface devices*

INTRODUCTION

*The **LineSelect® Model 4505R DB9 A/B/C/D Switch** allows the user to reroute data between any one of four devices to one COMMON device with the simple rotation of a selector switch. All nine pins of the DB9 interface are supported. No need to plug and unplug interconnection cables thereby eliminating connector wear and/or errors when reconfiguring networks. The Model 4505R is packaged in a slim desktop style enclosure.*

FEATURES

- *Allows quick connection to any one of four devices from one COMMON device.*
- ***Certified RoHS compliant.***
- *High quality sealed switch with self wiping contacts.*
- *The switch ports are transparent to all data.*
- *All (9) pins of the DB9 interface are switched via break-before-make rotary switch.*
- *Eliminates the need to plug and unplug cables.*
- *Manual operation, no power required.*
- ***Ground post terminal inside chassis and outside chassis.***
- ***Rear panel chassis stud accepts spade lug for secure grounding.***
- *Attractive all metal black box packaging provides EMI/RFI shielding.*
- ***Lifetime warranty against manufacturing defects.***
- *Custom length DB9 cables available for your switch installation.*

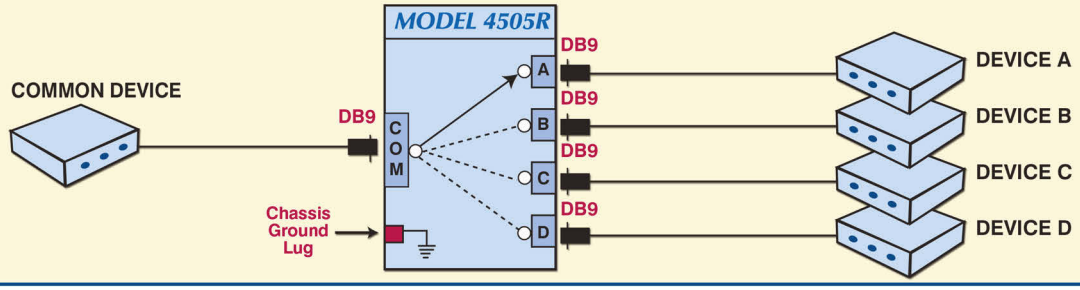
SPECIFICATIONS:

PORT CONNECTORS: *(5) DB9 female connectors labeled A, B, C, D, and COMMON.*
FRONT PANEL CONTROL: *(1) Front panel rotary switch allows selection of switch position.*
POWER: *No power required.*
GROUND: *Ground post terminal inside chassis. Ground stud located on rear panel.*
DIMENSIONS: *4.18" W x 1.75" H x 6.68" D. (10.7 x 4.5 x 17 cm)*
WEIGHT: *Approximately 1.2 lbs. (0.6 kg)*

Internal Switch Mechanism Environmental Properties:

- **HUMIDITY:** *To be dried in air for 30 minutes after remaining for 48 hours at the conditions of temperature 40 ±2 degrees Celsius and Humidity 90 – 95%.*
- **INSULATION RESISTANCE:** *More than 10 megohms*
- **CONTACT RESISTANCE:** *Less than 25 milliohms*
- **OPERATION/ROTATION TORQUE:** *Within +10% -30%* of initial value.
- *Whole should not defect in appearance or in mechanical function.*
- **TEMPERATURE:** *-10 degrees Celsius to +60 degress Celisus*

LineSelect® Model 4505R DB9 A/B/C/D Switch Application: (Switches ANY DB9 Interface!)



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