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NABCB QM 004, EM 016
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DC Redundancy Module
Model: MBOR-5-32
Document Number: M4 033 010 010 01 (R1)

1. Product Description

MBOR-5-32 is the DIN-rail mountable active redundancy module. This Device is used to ensure that if one power supply fails, the others can seamlessly take over without interrupting the system's operation.

2. Technical Specification

Material	ABS
Input voltage range	9 V DC ..... 32 V DC
Max Current	05 amp
Connector	**Make**: Phoenix **Pin layout**: Linear pinning **No. of pins**: Four **Connection method**: Screw connection with tension sleeve

Table-2: Technical Specification of Redundancy module

3. Mechanical Specifications

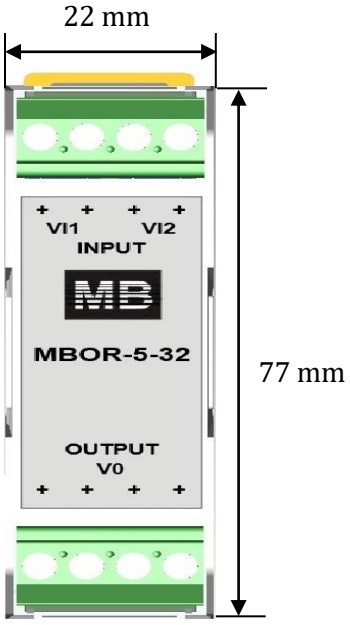

Figure-3.1: Dimensions from Top view

Figure-3.2: Dimensions from Bottom side view

Length	77 mm
Width	22 mm
Height	50 mm
Weight	150 gm

Table-3.1: Mechanical specification of Redundancy module

4. Connection Diagram

4.1 Interfacing Five RS-485 Devices and Extension:

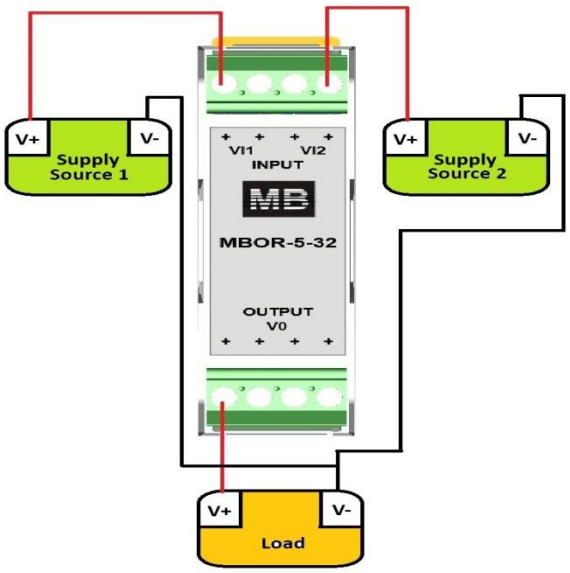

Figure-4.1: Connection diagram of Redundancy module

VI 1 (+)	Voltage Input Terminal 1
VI 1 (+)	
VI 2 (+)	Voltage Input Terminal 2
VI 2 (+)	
VO (+)	Voltage Output Terminal
VO (+)	
VO (+)	
VO (+)	

Table-4.1: Terminal details of Redundancy module.