



### > Description

Designed to supply railway equipments, this rack can accept up to 6 Europe cards, 300 or 400 Watts (CER 300 or CER 400)



### > Input Specifications

| Product reference                | CRR 1K5                                     |
|----------------------------------|---------------------------------------------|
| Nominal input voltage            | 110 VDC                                     |
| Input voltage range              | 77 to 135,5 VDC                             |
| Input transients voltage         | 66 to 154 VDC during 100 ms                 |
| Reverse input voltage protection | Yes, by reverse diode on CER 300 or CER 400 |
| Inrush current limitation        | Yes                                         |

### > Output Specifications

| Product reference          | CRR 1K5                                  |
|----------------------------|------------------------------------------|
| Electrical characteristics | See CER 300 and CER 400 data sheets      |
| Number of CER 300          | Up to 2 in parallel                      |
| Number of CER 400          | Up to 4 in parallel                      |
| Output voltage             | 72 VDC for CER 300<br>28 VDC for CER 400 |

### > Environmental details

| Product reference           | CRR 1K5            |
|-----------------------------|--------------------|
| Operating temperature range | -25°C to +70°C     |
| Storage temperature range   | -40°C to +85°C     |
| Relative humidity at 40°C   | > 95%              |
| Cooling                     | Natural convection |
| Protection index            | IP44               |



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### > Applicable Norms

| Item                                | Reference    | Compliance |
|-------------------------------------|--------------|------------|
| Fire                                | NFF 16101    | X          |
| Railway rolling stocks applications | EN 50155     | X          |
| Electrostatics discharges           | EN 50121-3-2 | X          |
| Smokes                              | NFF 16102    | X          |

### > Mechanical Characteristics

|                          |                            |
|--------------------------|----------------------------|
| Product reference        | CRR 1K5                    |
| Box material             | 19" rack 3U 320 mm Eurofer |
| Potting                  | No                         |
| Fixing                   | Standard on 19" rack       |
| Input / output connector | Hypertak LJ                |

### > Technical Drawing

