

**DC-DC CONVERTER**  
**18-32V/24,5V-16A IP67**  
Type of DC-DC: ISOLATED



| Subject:                          | Data:                               |                         |                          | Note:                               |
|-----------------------------------|-------------------------------------|-------------------------|--------------------------|-------------------------------------|
| Model                             | 16A                                 |                         |                          | 24V-24V                             |
| Part number Calix                 | 1559905                             |                         |                          | 0060324IPR                          |
| Input voltage range               | 18V-32V                             |                         |                          |                                     |
| Max input current                 | 22A                                 |                         |                          |                                     |
| Output voltage                    | MIN                                 | DEFAULT                 | MAX                      | (±1%)                               |
|                                   | 24V                                 | 24,5V                   | 30V                      |                                     |
| Output voltage range - adjustable | 24-30V                              |                         |                          |                                     |
| Max output current                | 16A                                 |                         |                          |                                     |
| Power (approx.)                   | 400W                                |                         |                          |                                     |
| Quiescent current                 | < 1mA                               |                         |                          |                                     |
| Efficiency                        | >96%                                |                         |                          |                                     |
| Operating temperature             | -40 °C to +70 °C                    |                         |                          | Reduced output from +40 °C          |
| Storage temperature               | -40 °C to +95 °C                    |                         |                          |                                     |
| Humidity                          | 0-100% RH                           |                         |                          |                                     |
| Mechanical vibration              | 18g                                 |                         |                          | According to standard IEC 60068-2-6 |
| Handling shock                    | May show damage                     |                         |                          |                                     |
| Ingress protection                | IP67                                |                         |                          | Waterproof                          |
| Finish                            | According to standard IEC 60068-2-6 |                         |                          |                                     |
| Housing                           | Powder coated aluminum              |                         |                          |                                     |
| Connector                         | INPUT                               | OUTPUT                  | ON/OFF                   | Cables 0,5 m                        |
|                                   | 2 x 2,5 mm <sup>2</sup>             | 2 x 2,5 mm <sup>2</sup> | 1 x 0,75 mm <sup>2</sup> |                                     |
| Weight                            | 820g                                |                         |                          |                                     |
| Measurements L x W x H            | 150 x 93 x 31mm                     |                         |                          |                                     |
| EMC / E nr                        | Directive 2014/30/EU                |                         |                          | E5*10R05*0367*00                    |

