



Figure similar

SIMATIC DP, PM-E power modules for ET 200S; 24 V DC with diagnostics

| Supply voltage                                                                                                                            |                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| Load voltage L+                                                                                                                           |                                                                                         |
| <ul style="list-style-type: none"> <li>Rated value (DC)</li> <li>Short-circuit protection</li> <li>Reverse polarity protection</li> </ul> | 24 V<br>No; external (e.g. automatic circuit breaker), tripping characteristic C<br>Yes |
| Input current                                                                                                                             |                                                                                         |
| from load voltage L+ (without load), max.                                                                                                 | 4 mA                                                                                    |
| Current carrying capacity                                                                                                                 |                                                                                         |
| up to 60 °C, max.                                                                                                                         | 10 A                                                                                    |
| Power loss                                                                                                                                |                                                                                         |
| Power loss, typ.                                                                                                                          | 0.1 W                                                                                   |
| Interrupts/diagnostics/status information                                                                                                 |                                                                                         |
| Diagnoses                                                                                                                                 |                                                                                         |
| <ul style="list-style-type: none"> <li>missing load voltage</li> </ul>                                                                    | Yes                                                                                     |
| Diagnostics indication LED                                                                                                                |                                                                                         |
| <ul style="list-style-type: none"> <li>Rated load voltage PWR (green)</li> <li>Group error SF (red)</li> </ul>                            | Yes<br>Yes                                                                              |
| Parameter                                                                                                                                 |                                                                                         |
| Remark                                                                                                                                    | 3 byte                                                                                  |
| missing load voltage                                                                                                                      | Disable / enable                                                                        |
| Potential separation                                                                                                                      |                                                                                         |
| primary/secondary                                                                                                                         | Yes; between rated load voltage and backplane bus, between power modules                |
| Isolation                                                                                                                                 |                                                                                         |
| Isolation tested with                                                                                                                     | 500 V DC                                                                                |
| Dimensions                                                                                                                                |                                                                                         |
| Width                                                                                                                                     | 15 mm                                                                                   |
| Height                                                                                                                                    | 81 mm                                                                                   |
| Depth                                                                                                                                     | 52 mm                                                                                   |
| Weights                                                                                                                                   |                                                                                         |
| Weight, approx.                                                                                                                           | 35 g                                                                                    |
| last modified:                                                                                                                            | 12/18/2020 <a href="#">🔗</a>                                                            |