

## Product No: BXTML2BDHFEX6

### DEHN BLITZDUCTOR XT EX (I) SURGE AR. MODULE BXTML2BDHFEX6

#### FEATURES

- Space-saving LifeCheck-equipped surge arrester module for protecting one pair in intrinsically safe measuring circuits and RS485 bus systems
- Insulation strength > 500 V line-earth
- LifeCheck detects thermal and electrical overload indicating the arrester needs to be replaced
- This status is indicated contactlessly by DEHNrecord LC / SCM / MCM



#### General Information

|               |                            |
|---------------|----------------------------|
| Brand         | DEHN                       |
| Product Type  | Surge Protection Device    |
| Reference No. | 920538                     |
| Suitable For  | Pluggable DIN Rail Mounted |

#### Technical Attributes

|   |       |
|---|-------|
| Earth Fault Protection                            | Other |
| L-L Capacitance (nF)                              | ≤ 25  |
| L-PE Capacitance (pF)                             | ≤ 20  |
| Lightning Impulse Current (10/350 μs) - Iimp (kA) | 1     |
| Maximum Continuous Operating Voltage MCOV AC (V)  | 4.2   |
| Maximum Continuous Operating Voltage MCOV DC (V)  | 6     |
| Maximum Continuous Voltage AC (V)                 | 4.2   |
| Maximum Continuous Voltage DC (V)                 | 6     |
| Nominal Discharge Current (8/20 μs) - In (kA)     | 10    |
| Nominal Load Current AC - I <sub>n</sub> (A)      | 4.8   |
| Nominal Voltage (V)                               | 6     |
| Nominal Voltage DC (V)                            | 6     |
| SPD Type  | 2     |

Line-PG for In C2:  $\leq 1800$   
Line-Line at 1 kV/ $\mu$ s C3  $\leq 20$   
Line-PG at 1 kV/ $\mu$ s C3  $\leq 1400$

---

|                                    |    |
|------------------------------------|----|
| Voltage Protection Level - Up (kV) | 20 |
|------------------------------------|----|

---

### Physical Attributes

|                                    |                        |
|------------------------------------|------------------------|
| Colour                             | Blue                   |
| Enclosure Material                 | Polyamide PA 6.6       |
| Mounting Type                      | Plugged Into Base Part |
| Operational Temperature Range (°C) | -40 to 80              |

---

### Dimensions

|                 |                 |
|-----------------|-----------------|
| Dimensions (mm) | 12W x 45H x 51D |
| Weight (kg)     | 0.02            |

---

### Protection & Standards

|                         |                            |
|-------------------------|----------------------------|
| Degree of Protection    | IP20                       |
| Standards and Approvals | IEC 61643-21 / EN 61643-21 |

---

### Resources

|                              |                                    |
|------------------------------|------------------------------------|
| Product catalogue (Flipbook) | <a href="#">Download from here</a> |
|------------------------------|------------------------------------|

---