

**Braking resistance, IP20, 25 Ω, 1.92 kW, For use with: DC1, DA1, DG1, SVX, SPX**



**Part no. DX-BR025-1920**

**174259**

**EL Number**

**4110081**

**(Norway)**

| <b>General specifications</b>  |  |  |
|--|--|--|
| Product name   |  | Eaton DX Braking resistor  |
| Part no.   |  | DX-BR025-1920  |
| EAN  |  | 4015081707218  |
| Product Length/Depth   |  | 300 millimetre   |
| Product height   |  | 180 millimetre   |
| Product width  |  | 300 millimetre   |
| Product weight   |  | 9.3 kilogram   |
| Certifications   |  | North America Certification: Single parts approved only  |
| Product Tradename  |  | DX   |
| Product Type   |  | Accessory  |
| Product Sub Type   |  | Braking resistor   |
| Catalog Notes  |  | Resistor combination (size 2)  |
| <b>Features &amp; Functions</b>  |  |  |
| Fitted with:   |  | Temperature monitoring switch<br>Connection terminals  |
| <b>General information</b>   |  |  |
| Accessory/spare part type  |  | Braking resistance   |
| Degree of protection   |  | IP20   |
| Product Category   |  | Accessories  |
| <b>Design verification</b>   |  |  |
| 10.2.2 Corrosion resistance  |  | Meets the product standard's requirements.   |
| 10.2.3.1 Verification of thermal stability of enclosures                         |  | Meets the product standard's requirements.   |
| 10.2.3.2 Verification of resistance of insulating materials to normal heat       |  | Meets the product standard's requirements.   |
| 10.2.3.3 Resist. of insul. mat. to abnormal heat/fire by internal elect. effects |  | Meets the product standard's requirements.   |
| 10.2.4 Resistance to ultra-violet (UV) radiation                                 |  | Meets the product standard's requirements.   |
| 10.2.5 Lifting   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.2.6 Mechanical impact   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.2.7 Inscriptions  |  | Meets the product standard's requirements.   |
| 10.3 Degree of protection of assemblies  |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.4 Clearances and creepage distances   |  | Meets the product standard's requirements.   |
| 10.5 Protection against electric shock   |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.6 Incorporation of switching devices and components                           |  | Does not apply, since the entire switchgear needs to be evaluated.   |
| 10.7 Internal electrical circuits and connections                                |  | Is the panel builder's responsibility.   |
| 10.8 Connections for external conductors   |  | Is the panel builder's responsibility.   |
| 10.9.2 Power-frequency electric strength   |  | Is the panel builder's responsibility.   |
| 10.9.3 Impulse withstand voltage   |  | Is the panel builder's responsibility.   |
| 10.9.4 Testing of enclosures made of insulating material                         |  | Is the panel builder's responsibility.   |
| 10.10 Temperature rise   |  | The panel builder is responsible for the temperature rise calculation. Eaton will provide heat dissipation data for the devices. |
| 10.11 Short-circuit rating   |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| 10.12 Electromagnetic compatibility  |  | Is the panel builder's responsibility. The specifications for the switchgear must be observed.                                   |
| 10.13 Mechanical function  |  | The device meets the requirements, provided the information in the instruction leaflet (IL) is observed.                         |

## Technical data ETIM 9.0

Low-voltage industrial components (EG000017) / Accessories/spare parts for frequency controller (EC002025)

|                              |  |  |                     |
|------------------------------|--|--|---------------------|
| Type of accessory/spare part |  |  | Breaking resistance |
| Accessory                    |  |  | Yes                 |
| Spare part                   |  |  | No                  |