DATASHEET - DX-BR150-0K5



Braking resistance, IP20, 150 $\Omega,$ 0.5 kW, For use with: DA1, DL1, DG1, SVX, SPX



Part no. DX-BR150-0K5
Catalog No. 171916
Alternate Catalog DX-BR150-0K5

0K5

Delivery program

Product range			Accessories
Accessories			Braking resistances
Degree of Protection			IP20
For use with			DA1, DL1, DG1, SVX, SPX
Description			Wire wound resistor in ceramic potting compound inside aluminum case, combined Installed in a housing designed to prevent accidental contact and featuring a temperature monitoring switch and a 1-meter connection cable
Resistance value	R	Ω	150
Continuous braking rating	P_{DB}	kW	0.5

Design verification as per IEC/EN 61439

EN 61439 design verification	
0.2 Strength of materials and parts	
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 Verification of resistance of insulating materials to abnormal heat and fire due to internal electric 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
10.2.6 Mechanical impact	Does not apply, since the entire switchgear needs
10.2.7 Inscriptions	Meets the product standard's requirements.
0.3 Degree of protection of ASSEMBLIES	Does not apply, since the entire switchgear needs
0.4 Clearances and creepage distances	Meets the product standard's requirements.
0.5 Protection against electric shock	Does not apply, since the entire switchgear needs
0.6 Incorporation of switching devices and components	Does not apply, since the entire switchgear needs
0.7 Internal electrical circuits and connections	Is the panel builder's responsibility.
8 Connections for external conductors	Is the panel builder's responsibility.
.9 Insulation properties	
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.
0.10 Temperature rise	The panel builder is responsible for the temperatu provide heat dissipation data for the devices.
10.11 Short-circuit rating	Is the panel builder's responsibility. The specificat observed.
0.12 Electromagnetic compatibility	Is the panel builder's responsibility. The specificat observed.
1.13 Mechanical function	The device meets the requirements, provided the i leaflet (IL) is observed.

Technical data ETIM 7.0

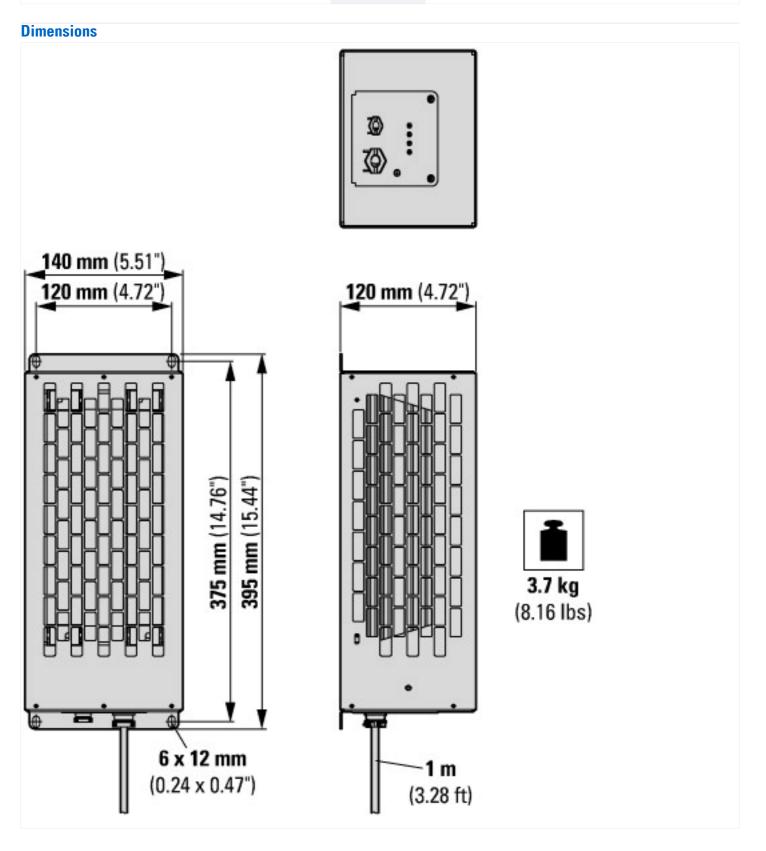
Low-voltage industrial components (EG000017) / Accessories for frequency controller (EC002025)

Electric engineering, automation, process control engineering / Electrical drive / Static frequency converter / Static frequency converter (accessory) (ecl@ss10.0.1-27-02-31-92 [AFR303003])

Type of accessory Breaking resistance

Approvals

UL File No.	E300273
UL Category Control No.	NMTR2, NMTR8
CSA File No.	UL report applies to both US and Canada
North America Certification	UL listed, certified by UL for use in Canada
Suitable for	Branch circuits
Max. Voltage Rating	600
Degree of Protection	IEC: IP00



Assets (links)

Declaration of CE Conformity

00003137

Instruction Leaflets

IL040015ZU2018_04

Additional product information (links)

IL040015ZU Braking Resistor	
IL040015ZU Braking Resistor	ftp://ftp.moeller.net/DOCUMENTATION/AWA_INSTRUCTIONS/IL040015ZU2018_10.pdf
CA04020001Z-EN Product Range Catalog: Efficient Engineering for Starting and Controlling Motors	http://www.eaton.eu/DE/ecm/groups/public/@pub/@europe/@electrical/documents/content/pct_1095238.pdf