



Fuse, superfast, 80mm, 32A

Part no. 20.282.20-32
Article no. 138285
Catalog No. Z-20-282-Z-20-32

Delivery program

Product range			Accessories
Accessories			Fuses
Rated device current		A	32
Maximum power loss	P _v	W	9
Inside micrometer		mm	80
For use with			DS7-34...SX009N0-... DS7-34...SX012N0-...
For use with			Soft starters

Design verification as per IEC/EN 61439

IEC/EN 61439 design verification			
10.2 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 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 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.
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 6.0

Circuit breakers and fuses (EG000020) / Low Voltage HRC fuse (EC000055)			
Electric engineering, automation, process control engineering / Electrical installation, device / Safety fuse inserts / Low-Voltage HRC fuse (ecl@ss8.1-27-14-20-05 [AFZ800012])			
Construction size			-
Nominal rated current		A	32

Nominal rated voltage	V	690
Utilization category		aR (accompanied semiconductor protection)
Type of fuse status indicator		Top fuse status indicator

Approvals

Product Standards		UL 248-13 CE marking
UL File No.		E180276
UL Category Control No.		JFHR2
CSA File No.		UL report applies to both US and Canada
CSA Class No.		JFHR8
North America Certification		UL recognized, certified by UL for use in Canada
Specially designed for North America		No
Max. Voltage Rating		660V