



ISA05227-A

HRC-fuse-switch ARROW BLUE size 1,1-pole, M10

Description

according to EN60947-3, size NH1 - 250A, 1pole
for baseplate mounting
with screw terminal M10 x 25
cable terminal at top and bottom side

Features

Type:	ISA05227-A
Product Lifecycle:	Active product
Size:	NH1
Rated operating voltage U_e :	690 V
Rated operating current I_e :	250 A
Conv. free air thermal current with fuse-links I_{th} :	250 A
Conv. free air thermal current with solid links:	350 A
Rated frequency:	50 - 60 Hz
Rated isolation voltage U_i :	1,000 V
Total power loss at I_{th} (without fuse-link) P_V :	5 W
Power loss at 80% I_{th} (without fuse-link):	3.2 W
Utilization category 1:	690V - 250A - AC-21B
Utilization category 2:	400V - 250A - AC-23B
Utilization category 3:	250V - 250A - DC-22B
Rated impulse voltage U_{imp} :	8 kV
Rated conditional short-circuit current I_{cc} :	120 (AC 500V) kA
Rated short-time withstand current (kA):	Nicht zutreffend
Max. permissible power dissipation per fuse-link:	23 W
Ambient temperature:	-25 up to +70 (Attention derating of rated current required) °C
Altitude:	2000 m
Pollution degree:	3
Overvoltage category:	III
Mounting position:	vertical / horizontal
Electrical endurance (switching cycles):	200
Mechanical endurance (total switching cycles):	1,600

Material properties:	Unterteil: Temperaturbeständigkeit bis 125°C Selbsverlöschend nach UL94 Kriechstromfestigkeit CTI 600 Halogenfrei Schutzabdeckungen, Schaltdeckel: Temperaturbeständigkeit bis 125°C Selbsverlöschend nach UL94 Kriechstromfestigkeit CTI 600 Halogenfrei Sicherungsaufnahmekontakte: E-Cu, versilbert, fremdbefedert
Degree of protection:	IP2XC
Applicable for fuse-links:	NH1
Cable terminal:	Flat terminal M10
Direction of cable terminal:	variable
Type of installation:	Baseplate mounting
Poles:	1
Fuse monitoring:	None
Hight:	298 mm
Width:	69 mm
Depth:	117 mm