

# Control Circuit Protection

## General Data

### 3NW7 Cylindrical Fuse Holders

#### Technical data

Type		Class CC 3NW75.3-0HG	Midget 3NW70.3, 3NW70.4	3NW73..	3NW70..	3NW71..	3NW72..
<b>Fuse size</b>	mm x mm	10.3 x 38.1	10.3 x 38.1	8 x 32	10 x 38	14 x 51	22 x 58
	inch x inch	13/32" x 1-1/2"	13/32" x 1-1/2"	-	-	-	-
<b>Standards</b>		UL512, CSA C22.2		IEC 60269-1, -2, -3 NF C 60-200, NF C 63-210, -211 NBN C 63269-2-1 CEI 32-4, -12		UL512, CSA C22.2	IEC 60269-1, -2, -3 NF C 60-200, NF C 63-210, -211 NBN C 63269-2-1 CEI 32-4, -12
<b>Certifications</b>		UL Listed, Certified to Canadian Standards	UL Recognized, Certified to Canadian Standards	Not UL / CSA Rated		UL Recognized, Certified to Canadian Standards	Not UL / CSA Rated
<b>UL file no.</b>		E171267		-		E171267	-
<b>Rated voltage</b>	U <sub>n</sub>	V AC	-	-	400	690	
	UL/CSA	V AC	600	600	400	600	
	UL	V DC	-	600 <sup>1)</sup>	-	-	
<b>Rated current</b>	A	30	30	20	32	50	100
<b>Rated breaking capacity</b>	kA	Fuse Selection Dependent		20	100		
<b>Touch protection to BGV AC</b>		Yes					
<b>Degree of protection to IEC 60529</b>		IP20, with connected conductors					
<b>Operating temperature range</b>	°C	-5 to +40; 90% max. humidity at +20					
<b>Conductor cross sections</b>							
Solid	mm <sup>2</sup>	1.5 to 25	0.5 to 10	0.5 to 10		2.5 to 10	4 to 10
Stranded	mm <sup>2</sup>	1.5 to 25	0.5 to 10	0.5 to 10		2.5 to 25	4 to 50
Finely Stranded	mm <sup>2</sup>	-	0.5 to 10	0.5 to 10		2.5 to 16	4 to 35
UL/CSA	AWG	18 to 4	20 to 10	-	20 to 10	6 to 10	-
<b>Terminal Tightening Torque</b>	Nm	-	-	1.2		2	2.5
	lb. in.	-	-	10.9		18.2	22.7

1) UL Recognized 600 V DC to meet the requirements of the US Solar Industry.

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## Supplementary Protection

### 3NC10 Open Cylindrical Fuse Holders

#### Features

3NC1038 open fuse holders have been certified in accordance with UL 512 and can be used with 13/32" x 1-1/2" (10 x 38 mm) fuses up to 600 V AC, 30 Amperes maximum.

- Type M Supplementary Fuse Holder for use with 13/32" x 1-1/2" (10 x 38 mm) Fuses
- Typical Supplementary Fuses: Bussmann KTK, FNQ, FNM, BAF and BAN. Includes MIDGET Class Fuses
- Ampere Rating: 32A
- Voltage Rating: 600 V
- Withstand Rating: 10,000 RMS Symmetrical (or interrupting rating of the fuse used, whichever is lower)
- Wire Range: 18 to 4 AWG
- UL Recognized, UL 512, Fuse Holder
- UL Flammability: 94VO
- Holder Material: Thermoplastic
- Surface Mounted



#### Selection and ordering

Description	Number of poles	Order Number	List Price \$	Weight Item kg
<b>Cylindrical Fuse Holder</b> Type M, Supplementary Fuses for 13/32" x 1-1/2" (10 x 38 mm)	1	<b>3NC1038-1</b>		0.042
	2	<b>3NC1038-2</b>		0.077
	3	<b>3NC1038-3</b>		0.113

#### Dimensions

