1492-GS, Continued

Specifications ❶

Cat. No.	1492-GS																	
Description	High-density miniature circuit breaker (supplementary protector) with universal mounting foot for Allen-Bradley and DIN Rail mounting																	
Maximum Voltage Ratings	277/480V AC 50/60 Hz 65V DC																	
Standard Current Ratings Internal Resistance per Pole	**A** Ω	0.2 26	0.5 4.2	0.8 1.6	1.0 1.1	1.5 0.47	2.0 0.25	2.5 0.20	3.0 0.13	4.0 0.08	5.0 0.06	6.0 0.05	8.0 0.01	10.0 0.01	12.0 0.01	15.0 0.01	16.0 0.01	20.0 0.005	25.0 0.004
Dielectric Strength	1960V AC																	
Shock and Vibration Specifications	Shock: 25 G, 11 ms duration Vibration: 5 G (10…500 Hz)																	
Insulation Resistance	Greater than 100 MΩ @ 500V DC																	
Current Capacity of Auxiliary Contacts (N.O., N.C.)	1.0 A AC or DC (resistive load)																	
Voltage Rating of Auxiliary Contacts	277V AC 65V DC																	
Operating Life	6000 cycles @ rated current (UL 1077)																	
Temperature Range	–40…+149°F (–40…+65°C)																	
Wire Size	#22…#10 AWG (0.5…6 mm^2)																	
Recommended Wire Strip Length	0.51" (13.0 mm) for Mail Terminals 0.41" (10.4 mm) for Auxiliary Terminals																	
Recommended Tightening Torque	5 lb-in. (0.565 Nm)																	

❶ Performance Data — See Publication A113, page Important-2.

1492-GS, Continued

Approvals

- UL 1077
- CSA 22.2 NO. 235
- VDE 0631 (IEC 60934)

In North America, the Cat. No. 1492-GS Miniature Circuit Breaker is rated as a Supplementary Protector with a short-circuit current rating. Internationally, it is rated by IEC as a Circuit Breaker for Equipment with an interrupt rating

Electrical Characteristics

Poles	Rated Current (A)	Voltage Rating		Short-Circuit Current Rating ❶ Interrupt Rating *I*cn (IEC only)
		AC	DC	
UL 1077 Supplementary Protector Rating				
1	0.2…5	277	—	0.4 kA, U2
1	6…25	277	—	0.7 kA, U2
2, 3	0.2…5	277/480	—	0.4 kA, U2
2, 3	6…25	277/480	—	0.5 kA, U2
1, 2, 3	0.2…5	—	65	0.4 kA, U2
1, 2, 3	6…25	—	65	0.8 kA, U2
1	0.2…16	277	—	5 kA, C1
1	18…25	277	—	2 kA, C1
2, 3	0.2…16	277/480	—	5 kA, C1
2, 3	18…25	277/480	—	2 kA, C1
1	0.2…25	—	65	2 kA, C1
CSA 22.2 #235 Supplementary Protector Ratings				
1	0.2…16	277	—	5 kA, C1
1	18…25	277	—	2 kA, C1
2, 3	0.2…16	277/480	—	5 kA, C1
2, 3	18…25	277/480	—	2 kA, C1
1	0.2…25	—	65	2 kA, C1
IEC 60934 Circuit Breaker for Equipment Ratings				
1	0.2…5	250	—	0.4 kA
1	6…25	250	—	0.8 kA
2, 3	0.2…5	240/415	—	0.4 kA
2, 3	6…25	240/415	—	0.8 kA
1	0.2…5	—	65	0.4 kA
1	6…25	—	65	0.8 kA

❶ The short-circuit current rating is followed by a letter and number designating the test conditions and any calibrations and dielectric tests following the short-circuit test. These designations are defined as follows (see ❷ also):
C — Indicates that the short-circuit test was conducted with series overcurrent protection
U — Indicates that the short-circuit test was conducted without series overcurrent protection
1 — Indicates that a recalibration and dielectric test was not conducted as part of the short-circuit test
2 — Indicates that a recalibration and dielectric test was conducted as part of the short-circuit test

❷ These alphanumeric designations were established by UL. CSA has not yet adopted them; however, the test conditions are equivalent to UL and the coding is appropriate.