

|  |                            |                 |                      |
|--|----------------------------|-----------------|----------------------|
| Product designation  | FB                         |                 |                      |
| Product type designation   | Fuse holder                |                 |                      |
| Number of DIN modules  | 1.5                        |                 |                      |
| Operating voltage type   | AC                         |                 |                      |
| <b>Electrical features</b>   |                            |                 |                      |
| IEC Utilization category   | AC22B 500V -<br>AC21B 690V |                 |                      |
| Derating factor of rated current $I_n$ for different ambient temperature     |                            |                 |                      |
|  | 20°C                       |                 | 1                    |
|  | 30°C                       |                 | 0.95                 |
|  | 40°C                       |                 | 0.9                  |
|  | 50°C                       |                 | 0.8                  |
|  | 60°C                       |                 | 0.7                  |
|  | 70°C                       |                 | 0.5                  |
| Derating factor of rated current $I_n$ for side by side fuse holders (poles) |                            |                 |                      |
|  | 1-4                        |                 | 1                    |
|  | 5-6                        |                 | 0.8                  |
|  | 7-9                        |                 | 0.7                  |
|  | ≥10                        |                 | 0.6                  |
| Rated current ( $I_n$ )  |                            | A               | 50                   |
| <b>Ambient conditions</b>  |                            |                 |                      |
| Operating temperature  |                            |                 |                      |
|  | min                        | °C              | -20                  |
|  | max                        | °C              | 70                   |
| Storage temperature  |                            |                 |                      |
|  | min                        | °C              | -40                  |
|  | max                        | °C              | 80                   |
| Max altitude   |                            | m               | 3000                 |
| <b>Mechanical features</b>   |                            |                 |                      |
| Operating position   |                            |                 |                      |
|  | normal<br>allowable        |                 | Vertical plan<br>Any |
| Fixing   |                            |                 | 35mm DIN rail        |
| Tightening torque for terminals  |                            |                 |                      |
|  | max                        | Nm              | 3                    |
|  | max                        | lbin            | 2.2                  |
| Conductor section  |                            |                 |                      |
|  | Flexible max (IEC)         | mm <sup>2</sup> | 25                   |
|  | - Flexible max (AWG/kcmil) |                 | 6                    |
|  | Rigid max (IEC)            | mm <sup>2</sup> | 35                   |
|  | - Rigid max (AWG/kcmil)    |                 | 8                    |
| Weight   |                            | g               | 113                  |
| <b>Resistance &amp; Protection</b>   |                            |                 |                      |
| Frontal IP degree  |                            |                 | IP20                 |
| <b>Dimensions</b>  |                            |                 |                      |
| <b>Wiring diagrams</b>   |                            |                 |                      |
| <b>Certifications and compliance</b>   |                            |                 |                      |
| Compliance   | CSA C22.2 n°4248.1         |                 |                      |
|  | IEC/EN 60269-1             |                 |                      |
|  | IEC/EN 60269-2             |                 |                      |
|  | IEC/EN 60947-1             |                 |                      |

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IEC/EN 60947-3

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UL 4248-1

Certifications

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cURus

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EAC

ETIM classification

ETIM 8.0

EC002705 -  
Holder for  
cylindrical fuse