

Spec Sheet: ASTM - 100A

- **Description:** DIN rail mounting main disconnect switches. Available in 1 and 3 pole designs these DIN profile switches are ideal for domestic and light commercial applications. Strong snap action with IP20 terminal for operator safety. 1 pole model **ASTM10010**, 3 pole model **ASTM10030**.
- **Application:** Control Switches, Circuit Isolators
- **Certification:** International Electrotechnical Commission EN 60947.3



Dimensions & Ratings

<i>Free air thermal current (Ith)</i>	100A
<i>Enclosed thermal current (Ithe)</i>	100A
<i>Rated insulation voltage (Ui)</i>	415V
<i>Rated operational voltage (Ue)</i>	415V
Rated operational current	
<i>Nominal breaking capacity 415V</i> Ø=0.95	300A
<i>Nominal breaking capacity 415V</i> Ø=0.65	300A
<i>Nominal Voltage single pole</i>	240V
<i>Nominal Voltage multi pole</i>	415V
Short-cct resistance with fuses <i>(nominal)</i>	16kA
Short-cct resistance with fuses <i>(peak)</i>	7kA
Maximum allow current less than <i>1 sec</i>	2.0kA
Mechanical Endurance <i>(on / off cycles)</i>	> 20,000
Electrical Endurance @ 63A Ø=0.95	> 1,500
Degree of Protection	IP20
Screws	Pozdrive
Pack Size (1P)	12
Pack size (3P)	4
Weight 1P	0.1kg
Weight 3P	0.1kg
Cable Size minimum mm²	1 x 6
Cable Size maximum mm²	1 x 50

