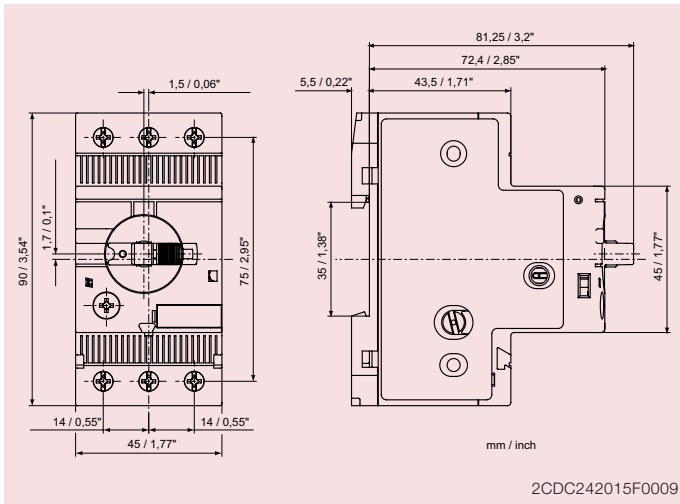
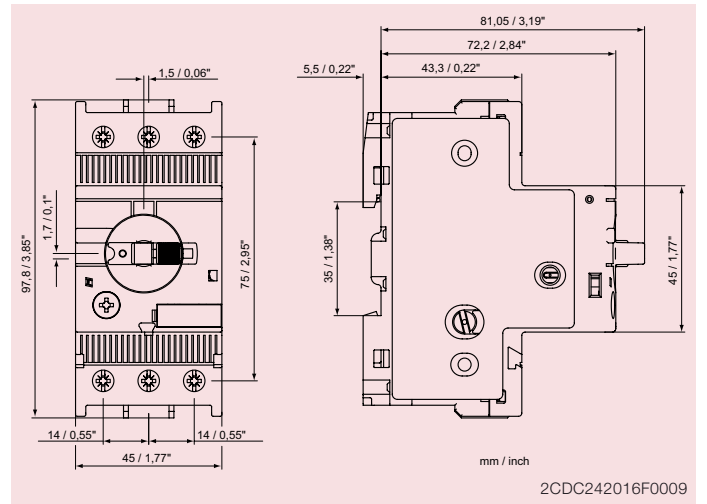


## Dimensions

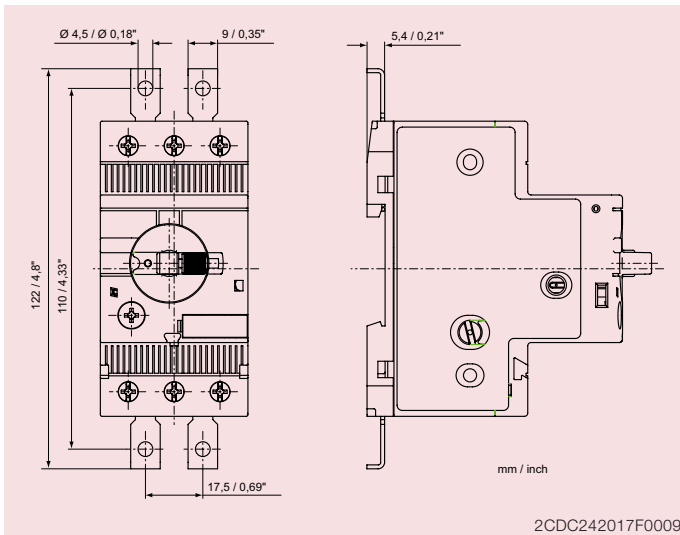
### MS132 ≤ 10 A



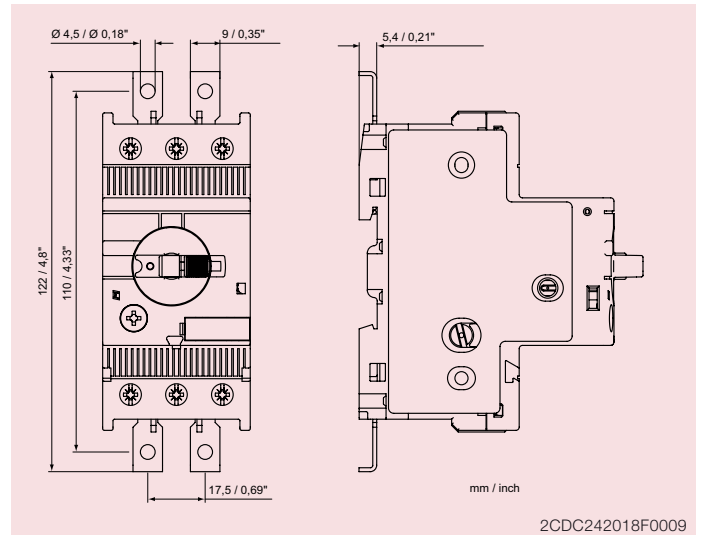
### MS132 > 10 A



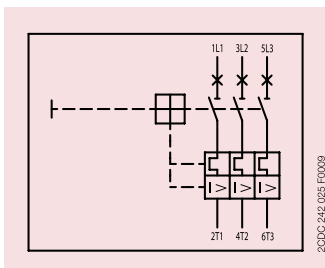
### MS132 ≤ 10 A + screw fixing kit



### MS132 > 10 A + screw fixing kit



## Wiring diagram



## Approvals



## Markings



Data at  $T_A = 40\text{ °C}$  and at rated values, if nothing else indicated

Type		MS132
<b>Technical data</b>		<b>Terminals</b>
<b>Main circuit</b>		<b>1L1-3L3-5L5</b> <b>2T1-4T2-6T3</b>
Rated operational voltage $U_e$ acc. to IEC/EN 60947-1	a.c. d.c.	690 V -
Rated operational current $I_e$		see separate table
Rated current $I_n$ / Conventional free-air thermal current $I_{th}$		see „Rated Operational Current“
Setting range - thermal overload protection		see ordering data
Rated instantaneous short-circuit current setting $I_i$		see separate table
Rated service short-circuit breaking capacity $I_{cs}$		see separate table
Rated ultimate short-circuit breaking capacity $I_{cu}$		see separate table
Trip class acc. to IEC/EN 60947-4-1		see ordering data
Rated frequency acc. to IEC/EN 60947-1		50 / 60 Hz
Number of poles		3
Resistance per phase		see separate table
Power loss per phase	lower value of setting range upper value of setting range	see separate table see separate table

#### Isolation data

Rated impulse withstand voltage $U_{imp}$ acc. to IEC/EN 60947-1		6 kV
Rated insulation voltage $U_i$ acc. to IEC/EN 60947-1		690 V
Pollution degree acc. to IEC/EN 60664		3

#### Electrical connection

<b>MS132 ≤ 10A</b>		
Connecting capacity	solid	1/2 x 1 ... 4 mm <sup>2</sup>
	flexible with ferrule	1/2 x 0.75 ... 2.5 mm <sup>2</sup>
	flexible with ferrule isolated	1/2 x 0.75 ... 2.5 mm <sup>2</sup>
	flexible without ferrule	1/2 x 0.75 ... 2.5 mm <sup>2</sup>
Stripping length		9 mm
Tightening torque		0.8 ... 1.2 Nm
Connection screw		M3.5 (PoziDrive 2)
<b>MS132-12, -16</b>		
Connecting capacity	solid	1/2 x 1 ... 4 mm <sup>2</sup>
	flexible with ferrule	1/2 x 0.75 ... 2.5 mm <sup>2</sup>
	flexible with ferrule isolated	1/2 x 0.75 ... 2.5 mm <sup>2</sup>
	flexible without ferrule	1/2 x 0.75 ... 2.5 mm <sup>2</sup>
Stripping length		10 mm
Tightening torque		1.5 Nm
Connection screw		M4 (PoziDrive 2)
<b>MS132-20, -25, -32</b>		
Connecting capacity	solid	1/2 x 2.5 ... 6 mm <sup>2</sup>
	flexible with ferrule	1/2 x 1 ... 6 mm <sup>2</sup>
	flexible with ferrule isolated	1/2 x 1 ... 6 mm <sup>2</sup>
	flexible without ferrule	1/2 x 2.5 ... 6 mm <sup>2</sup>
Stripping length		10 mm
Tightening torque		2 Nm
Connection screw		M4 (PoziDrive 2)