

Data Sheet for Article: MC290337--

Moulded Case Circuit Breaker Type ME, 3-pole, 100kA, 90A

Size type 2, Rated current 90A, Poles 3, IP Rating IP20, Short circuit switching capacity 100kA, Tripping Unit ME electronic protection for motor



Technical Data

Net width (mm)	105,00
Net height (mm)	184,00
EAN	9004840386035
Power loss (W)	25,00
Min. ambient temperature (°C)	-25
Max. ambient temperature (°C)	60
Device category	circuit breaker
Rated current (A)	90
Short circuit switching capacity (kA)	100
Size type	2
Tripping Unit	ME electronic protection for motor
Poles	3
IP Rating	IP20

CONNECTION CROSS SECTIONS

			MC2	I _n ¹⁾
Standard equipment			Screw connection	-
Accessories			Box terminal	
			Tunnel terminals	
			Rear-side connection	
Cu-conductors, Cu-cable				
Box terminal	solid		1 x (10 - 16)mm ²	300A
			2 x (4 - 16)mm ²	
	stranded		1 x (25 - 185)mm ²	
			2 x (25 - 70)mm ²	
Tunnel terminal	solid		1 x 16mm ²	300A
	stranded	1-hole	1 x (25-185)mm ²	
		2-hole	-	-
		4-hole	-	-
Screw connection and rear-side connection				
directly on switch	solid		1 x (4 - 16)mm ²	300A
			2 x (4 - 16)mm ²	
	stranded		1 x (25 - 185)mm ²	
			2 x (25 - 70)mm ²	
Module plate	1-hole	min.	-	-
		max.	-	-
Moudle plate	2-hole	min.	-	-
		max.	-	-
Connection extension			-	-
Al-conductors, Al-cable				
Tunnel terminal	solid		1 x 16mm ²	250A
	stranded	1-hole	1 x (25 - 185)mm ²	
		2-hole	-	-
			-	-
	4-hole	-	-	
Screw connection and rear-side connection				
directly on switch	solid		1 x (10 - 16)mm ²	250A
			2 x (10 - 16)mm ²	
	stranded		1 x (25 - 50)mm ²	
			2 x (25 - 50)mm ²	
Module plate	1-hole	min.	-	-
		max.	-	-
Module plate		2-hole	-	-
Connection extension			-	-
Cu-strip (number of segments x width x segment thickness)				
Box terminal		min.	2 x 9 x 0,8mm	300A
		max.	10 x 16 x 0,8(2 x) 8 x 15,5 x 0,8	
Flat conductor terminal, basic		min.	-	-
		max.	-	-
Module plate		1-hole	-	-

Screw connection and rear-side connection

Cu-strip, with holes	min.	2 x 16 x 0,8	300A
	max.	10 x 24 x 0,8	
Connection extension		-	-

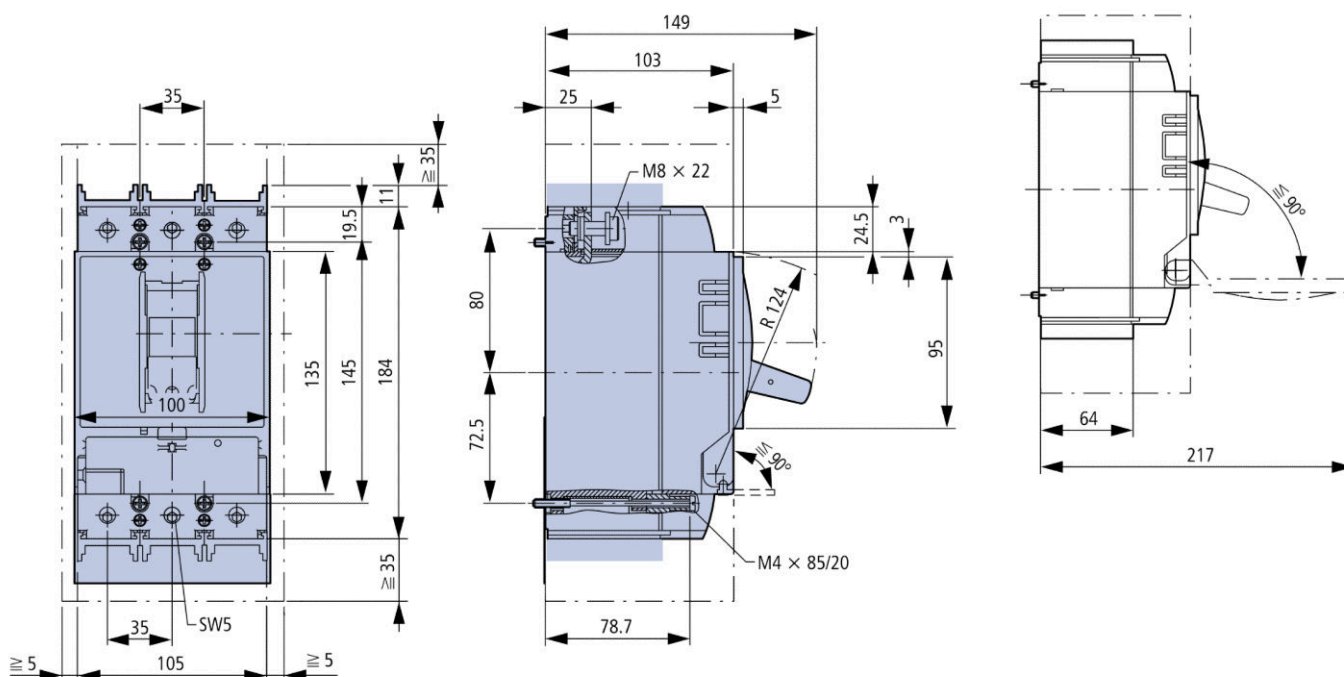
Cu-rail (width x thickness)

Screw connection and rear-side connection

Screw connection		M8	-
directly on switch	min.	16 x 5mm	300A
	max.	24 x 8mm	
Module plate 1-hole	min.	-	-
	max.	-	-
Module plate 2-hole	min.	-	-
	max.	-	-
Connection extension	min.	-	-
	max.	-	-

Note: 1) The rated currents I_n have been calculated in accordance with IEC/EN 60947 (protection devices standard) and generally relate to the max. specified cross-sections and are used here for the purposes of orientation. The design standards which apply in each case must be observed.

Dimensioned drawing: Moulded Case Circuit Breaker Type ME, 3-pole, 100kA, 90A



DESCRIPTION	Order No.
Moulded Case Circuit Breaker Type ME, 3-pole, 100kA, 90A Size type 2, Rated current 90A, Poles 3, IP Rating IP20, Short circuit switching capacity 100kA, Tripping Unit ME electronic protection for motor	MC290337