



Technical sheet

No. **41MC01F**

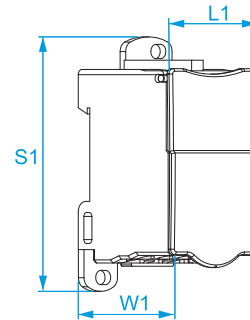
Issue **V01.0**

Product family: Modular distribution blocks - For unipolar switchboards
Item code: QM108007C, QM112508C, QM116008C, QM125012C, QM140012C, QM150012B
Description: DISTRIBUTION BLOCKS - 1-WAY - 80A, 125A, 160A, 250A, 400A, 500A

Image



Technical drawing



Specifications

INSULATING HOUSING: polyamide (PA6.6) UL 94 V0
COVER: polycarbonate (PC)
CONDUCTIVE BODY: tinned brass
SCREWS: galvanized steel
RATED INSULATION VOLTAGE: 1000 V AC/DC (IEC), 600 V AC/DC (IEC)
ACCORDING TO STD.: IEC/EN 60947-7-1, UL 1059

Code	In (A)	Connections (mm x Nr.)	IEC conductor (mm ²)	UL conductor (AWG/MCM)	IEC Torque (Nm)	UL Torque (lb x in)	IEC Uimp (kV)	IEC Icw (kA)	IEC Ipk (kA)	L1 (mm)	W1 (mm)	S1 (mm)	
QM108007C	80 (IEC) 85 (UL)	Ø 6,8 x 1	6 - 16	16 - 4	3,5	19,5	12	3	22	27	47	66	
		Ø 6,8 x 2	2,5 - 16	16 - 4	3,5	19,5							
		Ø 4,5 x 4	2,5 - 6	16 - 8	1,2	10,6							
QM112508C	125 (IEC) 150 (UL)	Ø 10 x 1	10 - 35	8 - 1/0	8,5	57	12	4,2	30	29	46	76	5/5
		Ø 6,8 x 1	6 - 16	14 - 2	3,5	31							
		Ø 6,8 x 6	2,5 - 16	14 - 4	3,5	31							
QM116008C	160 (IEC) 200 (UL)	Ø 12,3 x 1	10 - 70	8 - 3/0	8,5	75	12	11,8	30	29	46	76	
		Ø 6,8 x 1	6 - 16	14 - 2	3,5	31							
		Ø 6,8 x 6	2,5 - 16	14 - 4	3,5	31							
QM125012C	250 (IEC) 255 (UL)	Ø 15 x 1	35 - 120	6 - 250	19	168	12	24,5	51	47	50	97	
		Ø 9 x 2	6 - 35	10 - 1	4,4	39							
		Ø 6,8 x 5	2,5 - 16	14 - 4	2,7	24							
QM140012C	400 (IEC) 335 (UL)	Ø 19 x 1	95 - 185	3/0 - 400	25	221	12	24,5	51	47	50	97	3/3
		Ø 9 x 2	6 - 35	10 - 1	4,4	39							
		Ø 6,8 x 5	2,5 - 16	14 - 4	2,7	24							
QM150012B	500 (IEC) 335 (UL)	[25x9] x 1	4-6x(15,5x0,8) 2-6x(20x1) 2-8x(24x1)	min 2x(20x1) max 8x(24x1)	13,5	120	12	24,5	51	47	50	97	
		Ø 9 x 2	6 - 35	10 - 1	4,4	39							
		Ø 6,8 x 5	2,5 - 16	14 - 4	2,7	24							
		Ø 6,1 x 4	2,5 - 10	14 - 6	2,7	24							

