



Product type designation         Miniature circuit by asker (MCR)           Product type designation         92 MB           Number of DIN modules         1EC / UL 1077           Electrical features         IEC / UL 1077           Electrical features         IEC / UL 1077           Electrical features         V         400           Rated insulation voltage UI IEC/EN         IVC         230/400           Rated operational voltage AC (IEC)         VAC         230/400           Rated operational voltage AC (IEC)         VAC         250/60           Rated coperational voltage AC (IEC)         RA         100           Rated current (In)         A         100           Tripping curve         D         D           Short circuit rating (IEC)         RA         10           Power dissipation per pole max         W         14           Ambient Conditions         W         14           Operating temperature         min         °C         -40           Max altitude         m         200           Max altitude         m         200           Mechanical features         min         Nm         3.5           Operating position         min         nm         3.5 <t< th=""><th></th><th></th><th></th><th></th></t<>				
Product type designation	Product designation			
Number of DIN modules         3           Compliance         IEC / UL1077           Electrical features         V         400           Rated insulation voltage UI IEC/EN         V         400           Rated insulation voltage AC (IEC)         VAC         230/400           Rated operational voltage DC         VDC         125           Rated frequency         Interpretations         Interpretations           Rated frequency         Interpretations         Interpretations           Short circuit rating (IEC)         Interpretations         Interpretations           Power dissipation per pole max         Interpretations         Interpretations           Power dissipation per pole max         Interpretations         Interpretations           Power dissipation per pole max         Interpretations         Interpretations           Storage temperature         Interpretations         Interpreta	•			
Compliance         IEC / UL1077           Electrical features         V         400           Rated insulation voltage Ulirp         kV         6           Rated operational voltage AC (IEC)         VAC         230/400           Rated operational voltage DC         VDC         125           Rated frequency         Hz         50/60           Rated current (In)         A         100           Tripping curve         D         D           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         14           Ambient conditions         W         14           Operating temperature         min         °C         40           Max altitude         m         200         0           Max altitude         m         200         0           Mechanical features         mormal         °C         40           Operating position         mormal         °C         40           Fixing         mormal         Nm         3.5           Fixing         mormal         Nm         3.5           min         min         Nm <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td></td>	· · · · · · · · · · · · · · · · · · ·			
Electrical features         V         400           Rated insulation voltage Uimp         kV         6           Rated operational voltage DC         VAC         230/400           Rated operational voltage DC         VDC         125           Rated operational voltage DC         VDC         125           Rated dreguency         Hz         50/60           Rated current (in)         A         100           Tripping curve         B         D           Short circuit rating (IEC)         RA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         14           Ambient conditions         w         14           Operating temperature         min         °C         -40           max         °C         +70           Storage temperature         min         °C         +40           Max altitude         m         2000           Mechanical features         min         °C         +80           Operating position         normal         Vertical plan           Fixing         normal         vertical plan           Igna         min         nin         35				
Rated insulation voltage Ui IEC/EN	<u> </u>			IEC / OL 10//
Rated impulse withstand voltage L(IEC)         kV         6           Rated operational voltage AC (IEC)         VAC         230/400           Rated operational voltage DC         VPC         125           Rated frequency         IHz         50/60           Rated frequency         IHz         50/60           Rated current (In)         A         100           Tripping curve         D         No           Short circuit rating (IEC)         KA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         14           Ambient conditions         W         14           Operating temperature         min         °C         -40           Max         °C         +40           max         °C         -40           max         smm         35mm DIN rail </td <td></td> <td></td> <td>V</td> <td>400</td>			V	400
Rated operational voltage AC (IEC)				
Rated operational voltage DC         VDC         125           Rated frequency         Hz         50/60           Rated current (In)         A         100           Tripping curve         D         Not a 100           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max           Ambient conditions           Operating temperature           min         °C         -40           max         °C         +80           Max altitude         m         2000           Mechanical features           Operating position         normal         Vertical plan           Fixing         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         3.2           max         Nm         3.2         Max         Nm         3.5           min         Inin         nm         2.2         2.2           Conductor section         min         mm         pz 2           Conductor section         min         mm				
Rated frequency         Hz         50/60           Rated current (In)         A         100           Tripping curve         D         D           Short circuit rating (IEC)         kA         10           Electrical life         cycles         100000           Power dissipation per pole max         W         14           Ambient conditions         W         14           Operating temperature         min         °C         -40           Max a max         °C         +70           Storage temperature         min         °C         -40           Mechanical features         max         °C         +80           Operating position         mormal         Vertical plan         35mm DIN rail           Fixing         normal         Vertical plan         35mm DIN rail           Tightening torque for terminals         min         Nm         3.2           max         Nm         3.5         nm         35mm DIN rail           Tightening torque for terminals         min         Nm         3.2         nm         2.2         2.5         2.2         2.5         2.5         2.5         2.5         2.5         2.5         2.5         2.5         2.5<				
Rated current (In)         A         100           Tripping curve         D           Short circuit rating (IEC)         kA         10           Electrical life         cycles         10000           Power dissipation per pole max         W         14           Ambient conditions           Operating temperature           min         °C         -40           max         Nm         3.5           max         Nm         3.5           max         Nm				
Tripping curve         D           Short circuit rating (IEC)         kA         10           Electrical life         cycles         100000           Power dissipation per pole max         W         14           Ambient conditions         W         14           Operating temperature         min         °C         -40         max         °C         +70           Storage temperature         min         °C         -40         max         °C         +80           Max altitude         m         2000         2000         Mechanical features         Pertical plan         Pertical plan         Pertical plan         Fixing         35mm DIN rail         Pertical plan         Pertical plan <t< td=""><td></td><td></td><td></td><td></td></t<>				
Short circuit rating (IEC)         kA         10           Electrical life         cycles         100000           Power dissipation per pole max         W         14           Ambient conditions         Operating temperature         min of C of			A	
Electrical life         cycles         10000           Power dissipation per pole max         W 14           Ambient conditions         Storage temperature           min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         min orange temperature         vertical plan         min orange temperature         vertical plan         35mm DIN rail         Temperature         min orange temperature         m			I.Λ	
Power dissipation per pole max				
Ambient conditions				
Operating temperature         min max of colspan="4">of colspan="4	, , ,		VV	14
Min m				
max         °C         +70           Storage temperature         min         °C         -40           max         °C         +80           Max altitude         m         2000           Mechanical features           Operating position           Fixing         normal         Vertical plan           Tightening torque for terminals         min         Nm         3.2           max         Nm         3.5         nmin         lbin         3.5           min         lbin         3.1         2.2         2.2           Conductor section         EEC         min         mm²         2.5 <td>Operating temperature</td> <td></td> <td>0.0</td> <td>40</td>	Operating temperature		0.0	40
Storage temperature				
Max altitude         min max         °C +80           Mechanical features         m 2000           Poperating position           Fixing         Normal         Vertical plan           Fixing         Somm DIN rail           Tightening torque for terminals         min Nm 3.2 max         Nm 3.5 min Ibin 28.3 max         Nm 200           Terminals tool         p 2           Conductor section         IEC         min mm² mm² 2.5 max         mm mm² 50           AWG/Kcmil         min mm² 14 max         1/0           Mechanical life         cycles         10000           Weight         g 340           Frontal IP degree         IP20	01	max		+70
Max altitude         max         °C         +80           Mechanical features           Operating position           normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals           min         Nm         3.2           max         Nm         3.5           min         lbin         28.3           min         lbin         31           Terminals tool         Pz 2           Conductor section         IEC           Min         mm²         2.5           max         mm²         50           AWG/Kcmil         min         14           Mechanical life         cycles         10000           Weight         g         340           Frontal IP degree         IP20	Storage temperature		0.0	40
Max altitude         m         2000           Mechanical features           Operating position         normal         Vertical plan           Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         3.2           max         Nm         3.5         min         lbin         28.3           min         lbin         31         1           Terminals tool         Pz 2           Conductor section         FEC         min         mm²         2.5         mmx         mm²         50           AWG/Kcmil         min         14         max         1/0           Mechanical life         cycles         10000           Weight         g         340           Frontal IP degree         IP20				
Mechanical features           Operating position           Fixing         35mm DIN rail           Tightening torque for terminals           min Nm	NA 105 I	max		
Operating position           Fixing         35mm DIN rail           Tightening torque for terminals           min Nm Nm 3.2 max Nm 3.5 min Ibin 28.3 min Ibin 28.3 min Ibin 31           Terminals tool         Pz 2           Conductor section           IEC         min mm² 2.5 max mm² 50           AWG/Kcmil         min min mm² 14 max 1/0           Mechanical life         cycles 10000           Weight         g 340           Frontal IP degree         IP20			m	2000
Fixing         35mm DIN rail           Tightening torque for terminals         min         Nm         3.2           max         Nm         3.5         min         lbin         28.3           max         lbin         31         10         25         2           Conductor section         min         mm²         2.5         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         2         3         4				
Fixing         35mm DIN rail           Tightening torque for terminals         min Nm Nm 3.2 max Nm 3.5 min Ibin 28.3 max Ibin 31           Terminals tool         Pz 2           Conductor section         min mm² mm² 2.5 max mm² 50           AWG/Kcmil         min max 14 max 1/0           Mechanical life         cycles 10000           Weight         g 340           Frontal IP degree         IP20	Operating position			
Tightening torque for terminals		normai		· · · · · · · · · · · · · · · · · · ·
Min   Nm   3.2   max   Nm   3.5   min   Ibin   28.3   max   Ibin   31	<u>-</u>			35mm DIN rail
Max   Nm   3.5   min   Ibin   28.3   max   Ibin   31	lightening torque for terminals		N1	0.0
Max   Ibin   28.3   max   Ibin   31				
Terminals tool				
Terminals tool				
Conductor section   IEC   min mm² 2.5   max mm² 50	Tamain ala taul	max	IDIN	
Frontal IP degree   IEC				PZ 2
Mechanical life         min mm² mm² 50         2.5 max mm² 50           Mechanical life         min max 1/0           Weight         g 340           Frontal IP degree         IP20				
AWG/Kcmil         max         mm²         50           min max         14         14           Mechanical life         cycles         10000           Weight         g         340           Frontal IP degree         IP20	IEC			0.5
AWG/Kcmil           min max         14 max         1/0           Mechanical life         cycles         10000           Weight         g         340           Frontal IP degree         IP20				
min max         14 max         1/0           Mechanical life         cycles         10000           Weight         g         340           Frontal IP degree         IP20	ANNO III 'I	max	mm <sup>-</sup>	50
Mechanical life         cycles         10000           Weight         g         340           Frontal IP degree         IP20	AWG/Kcmii	!		4.4
Mechanical lifecycles10000Weightg340Frontal IP degreeIP20				
Weight g 340 Frontal IP degree IP20	Machanical life	max	ovele -	
Frontal IP degree IP20				
<u> </u>			g	
Pollution degree 3				
	Pollution degree			3





MINIATURE CIRCUIT BREAKER, 1P, 2P, 3P AND 4P - 10KA, CHARACTERISTIC D, 100A

ETIM classification

ETIM 8.0

EC000042 -Miniature circuit breaker (MCB)