



HMX116

## MCB 1P 50kA C-16A 1.5M

**Technical properties** 

Number of protected poles	1
Number of poles	1 P
Type of pole	1 P
Curve	C
Functions	
Concurrently switching N-neutral	No
Configuration	
Number of modules	1.5
Connectivity	
Top connection alignement for modular devices	Aligned terminal
Bottom connection alignement for modular devices	Aligned termina
Main electrical features	
Rated short circuit breaking capacity Icn AC according IEC60898-1	50 kA
Rated operational voltage Ue	240 / 415 \
Type of supply voltage	AC
Frequency	50/60 Hz
Voltage	
Rated insulation voltage	500 V
Rated impulse withstand voltage	6000 V
Electric current	
Rated current	16 A
min/maxi threshold value of the AC thermal operation	1.05 / 1.3 lr
Magnetic regulating currrent	5 / 10 lr
Rating current -10°C according to IEC 60947	20.83 /
Rating current -15°C according to IEC 60947	21.26 4
Rating current -20°C according to IEC 60947	21.67 4
Rating current -25°C according to IEC	
60947	22.08 A

Rating current 10°C according to IEC 6094719.05 ARating current 15°C according to IEC 6094718.89 ARating current 20°C according to IEC 6094717.59 ARating current 25°C according to IEC 6094717.69 ARating current 35°C according to IEC 6094716.55 ARating current 40°C according to IEC 6094716.55 ARating current 40°C according to IEC 6094716.55 ARating current 45°C according to IEC 6094718.45 ARating current 5°C according to IEC 6094714.85 ARating current 5°C according to IEC 6094714.23 ARating current 5°C according to IEC 6094712.92 ARated Ultimate short-circult breaking capacity on 1 pole for IT 415V NF4.5 kABreaking capacity on 1 pole for IT 415V NF4.5 kARated ultimate short-circult breaking capacity locu under 2007 AC IEC 60947-250 kARated ultimate short-circult breaking capacity locu under 2007 AC IEC 60947-250 kARated ultimate short-circult breaking capacity locu under 2007 AC IEC 60947-250 kARated ultimate short-circult breaking capacity locu under 2007 AC IEC 60947-250 kARated ultimate short-circult breaking	Rating current 0°C according to IEC 60947	19.96 A
Rating current 20°C according to IEC 6094718.09 ARating current 25°C according to IEC 6094717.59 ARating current 30°C according to IEC 6094716.55 ARating current 40°C according to IEC 6094716.55 ARating current 45°C according to IEC 6094716.48 ARating current 50°C according to IEC 6094714.45 ARating current 50°C according to IEC 6094714.45 ARating current 50°C according to IEC 6094714.45 ARating current 50°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.92 ARating current 50°C according to IEC 6094712.92 ARating current 50°C according to IEC 6094712.92 ARating current 50°C according to IEC 6094712.92 ARating capacity on 1 pole for IT 4150 NF50 kABreaking capacity on 1 pole for IT 4150 NF50 kARated ultimate short-circult breaking capacity Icu under 2400 AC IEC 60947-250 kARated ultimate short-circult breaking capacity Icu under 2400 AC IEC 60947-250 kARated ultimate short-circult breaking capacity Icu under 2400 AC IEC 60947-250 kARated ultimate short-circult breaking capacity Icu under 400 AC IEC 60947-250 kA<	Rating current 10°C according to IEC 60947	19.05 A
Rating current 25°C according to IEC 6094717.59 ARating current 30°C according to IEC 6094716.55 ARating current 40°C according to IEC 6094716.55 ARating current 40°C according to IEC 6094715.43 ARating current 5°C according to IEC 6094715.43 ARating current 5°C according to IEC 6094719.51 ARating current 5°C according to IEC 6094714.85 ARating current 5°C according to IEC 6094713.59 ARating current 5°C according to IEC 6094712.22 ARating current 5°C according to IEC 6094712.21 ARating current 70°C according to IEC 6094712.21 ARated ultimate short-circuit breaking capacity cu A IEC 60947.250 kABreaking capacity on 1 pole for IT 400V NF60947-260947-24.5 kABreaking capacity on 1 pole for IT 400V NF50 %Rated ultimate short-circuit breaking capacity (cu under 2007 AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 2007 AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 2007 AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 2007 AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 2007 AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 2007 AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 2007 AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 2007 AC IEC 60947-250 kARated ultimate s	Rating current 15°C according to IEC 60947	18.58 A
Rating current 30°C according to IEC 6094717.08 ARating current 35°C according to IEC 6094716.55 ARating current 40°C according to IEC 6094715.43 ARating current 45°C according to IEC 6094719.51 ARating current 5°C according to IEC 6094719.51 ARating current 5°C according to IEC 6094714.85 ARating current 5°C according to IEC 6094714.23 ARating current 5°C according to IEC 6094712.35 ARating current 5°C according to IEC 6094712.21 ARating current 5°C according to IEC 6094712.21 ARated ultimate short-circuit breaking capacity low AC IEC 60947.250 kABresking capacity on 1 pole for IT 400V NF4.5 kABreaking capacity on 1 pole for IT 415V NF 60947-250 kABreaking capacity on 1 pole for IT 415V NF copacity low under 230V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity low under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity low under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity low under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity low under 240V AC IEC 60947-250 kACorrection factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 2 devices placed side-by-side0.95Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 6 devices placed side-by-side0.95Dimensions0.960.97	Rating current 20°C according to IEC 60947	18.09 A
Rating current 35°C according to IEC 6094716.55 ARating current 40°C according to IEC 6094716.43Rating current 45°C according to IEC 6094715.43.4Rating current 5°C according to IEC 6094714.85 ARating current 5°C according to IEC 6094714.85 ARating current 5°C according to IEC 6094714.83 ARating current 5°C according to IEC 6094714.23 ARating current 6°C according to IEC 6094712.92 ARating current 6°C according to IEC 6094712.92 ARating current 7°C according to IEC 6094712.21 ARated ultimate short-circuit breaking20.50 kABreaking capacity on 1 pole for IT 400V NF4.5 kABreaking capacity on 1 pole for IT 415V NF60947-2Go947-250 kARated ultimate short-circuit breaking20.00 kACapacity Icu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking0.95Correction factor of rating current for 20.95Correction factor of rating current for 30.95Correction factor of rating current for 4 and0.9S devices placed side-by-side0.95Correction factor of rating current for 30.95Correction factor of rat	Rating current 25°C according to IEC 60947	17.59 A
Rating current 40°C according to IEC 6094716 ARating current 45°C according to IEC 6094715.43 ARating current 5°C according to IEC 6094719.51 ARating current 5°C according to IEC 6094714.85 ARating current 60°C according to IEC 6094712.92 ARating current 65°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.92 ARated ultimate short-circuit breaking capacity to A CIEC 60947.250 kABreaking capacity on 1 pole for IT 415V NF 60947.250 sKBreaking capacity conductive sking capacity icu under 230V AC IEC 60947.250 sKRated ultimate short-circuit breaking capacity icu under 230V AC IEC 60947.250 kARated ultimate short-circuit breaking capacity icu under 230V AC IEC 60947.250 kARated ultimate short-circuit breaking capacity icu under 230V AC IEC 60947.250 kARated ultimate short-circuit breaking capacity icu under 230V AC IEC 60947.250 kARated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947.250 kARated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947.250 kACorrection factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 4 and devices placed side-by-side0.95	Rating current 30°C according to IEC 60947	17.08 A
Rating current 45°C according to IEC 6094715.43 ARating current 5°C according to IEC 6094719.51 ARating current 5°C according to IEC 6094714.85 ARating current 5°C according to IEC 6094714.23 ARating current 60°C according to IEC 6094713.59 ARating current 60°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.21 ARated ultimate short-circuit breaking capacity to u AC IEC 60947-250 kABreaking capacity on 1 pole for IT 400V NF 60947-24.5 kABreaking capacity on 1 pole for IT 415V NF 60947-250 kARated ultimate short-circuit breaking capacity icu under 230V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity icu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity icu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity icu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity icu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-250 kACorrection factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 4 and s devices placed side-by-side0.95Dimensions0.960.96Depth of installed product70 mmHeight of installed product27 mm </td <td>Rating current 35°C according to IEC 60947</td> <td>16.55 A</td>	Rating current 35°C according to IEC 60947	16.55 A
Rating current 5°C according to IEC 6094719.51 ARating current 50°C according to IEC 6094714.85 ARating current 55°C according to IEC 6094714.23 ARating current 60°C according to IEC 6094712.92 ARating current 65°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.21 ARated ultimate short-circuit breaking capacity to X A C IEC 60947.250 kABreaking capacity on 1 pole for IT 400V NF 60947-24.5 kABreaking capacity on 1 pole for IT 415V NF 60947-24.5 kARated service breaking capacity Ics AC according IEC 60947.250 kARated ultimate short-circuit breaking capacity icu under 230V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity icu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity icu under 400V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity icu under 415V AC IEC 60947-250 kACurrent correction factors1Correction factor of rating current for 2 devices placed side-by-side0.95Correction factor of rating current for 3 devices placed side-by-side0.92Depth of installed product70 mmHeight of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPower100 to 60 HzTotal power loss under IN3.46 W	Rating current 40°C according to IEC 60947	16 A
Rating current 50°C according to IEC 6094714.85 ARating current 55°C according to IEC 6094714.23 ARating current 60°C according to IEC 6094713.59 ARating current 65°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.21 ARated ultimate short-circuit breaking capacity to X AC IEC 60947.250 kABreaking capacity on 1 pole for IT 400V NF 60947-24.5 kABreaking capacity on 1 pole for IT 415V NF 60947-24.5 kARated ultimate short-circuit breaking capacity loc under 230V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity loc under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity loc under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity loc under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity loc under 415V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity loc under 415V AC IEC 60947-250 kACorrection factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 6 devices placed side-by-side0.95Depth of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPower50 to 60 HzTotal power loss under IN3.46 W	Rating current 45°C according to IEC 60947	15.43 A
Rating current 55°C according to IEC 6094714.23 ARating current 60°C according to IEC 6094713.59 ARating current 70°C according to IEC 6094712.21 ARated ultimate short-circuit breaking capacity leu AC IEC 60947-250 kABreaking capacity on 1 pole for IT 400V NF 60947-24.5 kABreaking capacity on 1 pole for IT 415V NF 60947-250 %Rated ultimate short-circuit breaking capacity leu AC IEC 60947-250 %Rated ultimate short-circuit breaking capacity leu MC IEC 60947-250 %Rated ultimate short-circuit breaking capacity leu under 230V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity leu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity leu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity leu under 415V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity leu under 415V AC IEC 60947-250 kACorrection factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 4 and 5 devices placed side-by-side0.95Dimensions0.90Depth of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPower50 to 60 HzTotal power loss under IN3.46 W	Rating current 5°C according to IEC 60947	19.51 A
Rating current 60°C according to IEC 6094713.59 ARating current 65°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.21 ARated ultimate short-circuit breaking capacity lcu AC IEC 60947-250 kABreaking capacity on 1 pole for IT 400V NF 60947-24.5 kABreaking capacity on 1 pole for IT 415V NF 60947-250 %Rated ultimate short-circuit breaking capacity lcu under 230V AC IEC 60947-250 %Rated ultimate short-circuit breaking capacity lcu under 230V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity lcu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity lcu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity lcu under 415V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity lcu under 415V AC IEC 60947-250 kACorrection factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 2 devices placed side-by-side0.95Correction factor of rating current for 4 and 5 devices placed side-by-side0.95Dimensions0.9Depth of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPower70 to 73 KATotal power loss under IN3.46 W	Rating current 50°C according to IEC 60947	14.85 A
Rating current 65°C according to IEC 6094712.92 ARating current 70°C according to IEC 6094712.21 ARated ultimate short-circuit breaking capacity (cu AC IEC 60947-250 kABreaking capacity on 1 pole for IT 400V NF4.5 kABreaking capacity on 1 pole for IT 415V NF60947-260947-24.5 kABreaking capacity on 1 pole for IT 415V NF50 %ARated ultimate short-circuit breaking capacity (cu under 230V AC IEC 60947-250 %ARated ultimate short-circuit breaking capacity (cu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 415V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 415V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity (cu under 415V AC IEC 60947-250 kACorrection factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 2 devices placed side-by-side0.95Correction factor of rating current for 4 and 5 devices placed side-by-side0.96Correction factor of rating current for 6 devices placed side-by-side0.90 mmWidth of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPower50 to 60 HzTotal power loss under IN3.46 W	Rating current 55°C according to IEC 60947	14.23 A
Rating current 70°C according to IEC 60947   12.21 A     Rated ultimate short-circuit breaking   50 kA     Breaking capacity on 1 pole for IT 400V NF   4.5 kA     Breaking capacity on 1 pole for IT 415V NF   60947-2     60947-2   50 kA     Breaking capacity on 1 pole for IT 415V NF   60947-2     60947-2   50 kA     Rated service breaking capacity Ics AC   200 %     Rated ultimate short-circuit breaking   200 %     Rated ultimate short-circuit breaking   200 %     capacity Icu under 230V AC IEC 60947-2   50 kA     Rated ultimate short-circuit breaking   200 %     capacity Icu under 240V AC IEC 60947-2   50 kA     Rated ultimate short-circuit breaking   200 %     capacity Icu under 400V AC IEC 60947-2   50 kA     Rated ultimate short-circuit breaking   200 %     capacity Icu under 415V AC IEC 60947-2   50 kA     Current correction factors   200 %     Correction factor of rating current for 2   40 %     devices placed side-by-side   0.95     Correction factor of rating current for 4 and 5   0.90 mm     S devices placed side-by-side   0.90 mm     Width of i	Rating current 60°C according to IEC 60947	13.59 A
Rated ultimate short-circuit breaking     capacity Icu AC IEC 60947-2   50 kA     Breaking capacity on 1 pole for IT 400V NF   4.5 kA     Breaking capacity on 1 pole for IT 415V NF   60947-2     60947-2   4.5 kA     Rated ultimate short-circuit breaking   50 kA     Current correction factors   1     Correction factor of rating current for 2   1     Correction factor of rating current for 3   0.95     Correction factor of rating current for 4 and   5 devices placed side-by-side   0.95     Correction factor of rating current for 6   0.95	Rating current 65°C according to IEC 60947	12.92 A
capacity Icu AC IEC 60947-250 kABreaking capacity on 1 pole for IT 400V NF 60947-24.5 kABreaking capacity on 1 pole for IT 415V NF 60947-24.5 kARated service breaking capacity Ics AC according IEC 60947-250 %Rated service breaking capacity Ics AC according IEC 60947-250 %Rated utimate short-circuit breaking capacity Icu under 230V AC IEC 60947-250 kARated utimate short-circuit breaking capacity Icu under 240V AC IEC 60947-250 kARated utimate short-circuit breaking capacity Icu under 400V AC IEC 60947-250 kARated utimate short-circuit breaking capacity Icu under 415V AC IEC 60947-250 kARated utimate short-circuit breaking capacity Icu under 415V AC IEC 60947-250 kACorrection factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 4 and 5 devices placed side-by-side0.95Dimensions00Depth of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPower50 to 60 HzTotal power loss under IN3.46 W	Rating current 70°C according to IEC 60947	12.21 A
Breaking capacity on 1 pole for IT 400V NF     60947-2   4.5 kA     Breaking capacity on 1 pole for IT 415V NF   4.5 kA     Breaking capacity on 1 pole for IT 415V NF   60947-2     G0947-2   50 %     Rated service breaking capacity Ics AC   50 %     according IEC 60947-2   50 kA     Rated ultimate short-circuit breaking   50 kA     Current correction factors   50 kA     Correction factor of rating current for 2   60 kA     Correction factor of rating current for 3   0.95     Correction factor of rating current for 4 and   0.9     S devices placed side-by-side   0.85     Dimensions   0.90     Depth of installed product   70 mm     H		
60947-2   4.5 kA     Breaking capacity on 1 pole for IT 415V NF   4.5 kA     Rated service breaking capacity Ics AC   50 %     Rated ultimate short-circuit breaking   50 kA     Carrection factor of rating current for 2   50 kA     Current correction factors   1     Correction factor of rating current for 3   0.95     Correction factor of rating current for 4 and 5   0.9     Correction factor of rating current for 6   0.9	capacity Icu AC IEC 60947-2	50 kA
60947-2   4.5 kA     Rated service breaking capacity lcs AC   50 %     Rated ultimate short-circuit breaking   50 kA     Current correction factors   50 kA     Correction factor of rating current for 2   40 key ces placed side-by-side   1     Correction factor of rating current for 3   0.95   0.95     Correction factor of rating current for 4 and   5   0.95     Correction factor of rating current for 6   0.85   0.95     Dimensions   0.90   0.85   0.85     Dimensions   0   90 mm   1     Width of installed product   27 mm   <		4.5 kA
Rated service breaking capacity Ics AC   50 %     Rated ultimate short-circuit breaking   50 kA     Capacity Icu under 400V AC IEC 60947-2   50 kA     Rated ultimate short-circuit breaking   50 kA     Currection factor of rating current for 2   50 kA     Correction factor of rating current for 3   6 vices placed side-by-side   1     Correction factor of rating current for 4 and   5   0.95   5     Correction factor of rating current for 6   0.95   0.95   5     Correction factor of rating current for 6   0.95   0.95   5     Dimensions   0   90 mm   0.90 mm     Width of installed product   27 mm   70		4.5 kA
capacity Icu under 230V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-250 kACurrent correction factors2Correction factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 6 devices placed side-by-side0.9Correction factor of rating current for 6 devices placed side-by-side0.9Dimensions0Depth of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPower1Total power loss under IN3.46 W	Rated service breaking capacity Ics AC	
capacity Icu under 240V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-250 kACurrent correction factorsCorrection factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 4 and 5 devices placed side-by-side0.9Correction factor of rating current for 6 devices placed side-by-side0.9Correction factor of rating current for 6 devices placed side-by-side0.85Dimensions0Depth of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPower10Total power loss under IN3.46 W	5	50 kA
capacity Icu under 400V AC IEC 60947-250 kARated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-250 kACurrent correction factors1Correction factor of rating current for 2 devices placed side-by-side1Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 4 and 5 devices placed side-by-side0.9Correction factor of rating current for 6 devices placed side-by-side0.9Correction factor of rating current for 6 devices placed side-by-side0.9Depth of installed product70 mmHeight of installed product27 mmFrequency50 to 60 HzPowerTotal power loss under INTotal power loss under IN3.46 W		50 kA
capacity Icu under 415V AC IEC 60947-2   50 kA     Current correction factors   1     Correction factor of rating current for 2   1     devices placed side-by-side   1     Correction factor of rating current for 3   0.95     Correction factor of rating current for 4 and   0.95     Correction factor of rating current for 4 and   0.9     Correction factor of rating current for 6   0.85     Dimensions   0.85     Dimensions   70 mm     Height of installed product   70 mm     Height of installed product   90 mm     Width of installed product   27 mm     Frequency   50 to 60 Hz     Power   Total power loss under IN   3.46 W	5	50 kA
Correction factor of rating current for 2   1     Correction factor of rating current for 3   0.95     Correction factor of rating current for 4 and   0.95     Correction factor of rating current for 4 and   0.9     Correction factor of rating current for 6   0.9     Correction factor of rating current for 6   0.9     Correction factor of rating current for 6   0.85     Dimensions   0.85     Dimensions   70 mm     Height of installed product   70 mm     Height of installed product   27 mm     Frequency   50 to 60 Hz     Power   50 to 60 Hz     Total power loss under IN   3.46 W	5	50 kA
devices placed side-by-side1Correction factor of rating current for 3 devices placed side-by-side0.95Correction factor of rating current for 4 and 5 devices placed side-by-side0.9Correction factor of rating current for 6 devices placed side-by-side0.9Dimensions0.85Depth of installed product70 mmHeight of installed product90 mmWidth of installed product27 mmFrequency50 to 60 HzPower1Total power loss under IN3.46 W	Current correction factors	
devices placed side-by-side0.95Correction factor of rating current for 4 and 5 devices placed side-by-side0.9Correction factor of rating current for 6 devices placed side-by-side0.85Dimensions0.85Depth of installed product70 mmHeight of installed product90 mmWidth of installed product27 mmFrequency50 to 60 HzPower50 to 60 HzTotal power loss under IN3.46 W		1
5 devices placed side-by-side   0.9     Correction factor of rating current for 6 devices placed side-by-side   0.85     Dimensions   0.85     Depth of installed product   70 mm     Height of installed product   90 mm     Width of installed product   27 mm     Frequency   50 to 60 Hz     Power   3.46 W		0.95
devices placed side-by-side   0.85     Dimensions		0.9
Depth of installed product   70 mm     Height of installed product   90 mm     Width of installed product   27 mm     Frequency   50 to 60 Hz     Power   3.46 W		0.85
Height of installed product 90 mm   Width of installed product 27 mm   Frequency 27 mm   Frequency 50 to 60 Hz   Power 50 to 60 Hz   Total power loss under IN 3.46 W	Dimensions	
Width of installed product   27 mm     Frequency   Frequency     Frequency   50 to 60 Hz     Power   27 mm     Total power loss under IN   3.46 W	Depth of installed product	70 mm
Frequency     Frequency     50 to 60 Hz     Power     Total power loss under IN     3.46 W	Height of installed product	90 mm
Frequency   50 to 60 Hz     Power   Total power loss under IN     3.46 W	Width of installed product	27 mm
Frequency   50 to 60 Hz     Power   Total power loss under IN     3.46 W   3.46 W	Frequency	
Total power loss under IN 3.46 W		50 to 60 Hz
	Power	
Power loss per pole at In 3.46 W	Total power loss under IN	3.46 W
	Power loss per pole at In	3.46 W

Electric endurance in number of cycles	4
Number of mechanical operations	20
Installation, mounting	
Type of top connection for modular devices	with sc
Tightening torque	3,5 to 5
Type of top rail clip for modular devices	Pla
Type of bottom rail clip for modular devices	pla
Type of Bottom Connection for modular devices	with sc
Top removability for modular devices	
Bottom removability for modular devices	
Connection	
Connection cross-section at output with screw, for flexible conductor	1 / 50 r
Connection cross-section at output with screw, for massive conductor	l / 70 r
Connection cross-sect. flexible conductor	50r
Connection cross-sect. rigid cable	70r
Connection cross-section for rigid conductor, upstream terminals with screws	1 / 70 r
Connection cross-section of the access with screws, with flexible conductor	1 / 50 r
Connection cross-section of input and output with screws, for massive conductors	l / 70 r
Connection cross section of access and exit with screws, for flexible conductor	1 / 50 r
Type of connection	terminal with tightening compensation sys
Standards	
Standard text	IEC 6094
Use conditions	
Degree of pollution according to IEC 60664 / IEC 60947-2	
Class of energy limitation I <sup>2</sup> t	
Altitude	200
Altitude Air humidity protection	20 for all clim

## temperatur

Temperature of calibration