



## HHA080P

MCCB h3 x160 TM 3x80A 25kA

### Technical attributes

	HHA080P
Altitude	2000 m
Altitude	
can-be_accessorized	Yes
Can be accessorized	
CrnlrTh	1-1
Thermal protection nob setting xIN	
Degre_pollution	3
Degree of pollution according to IEC 60664 / IEC 60947-2	
ETIM_Frequency	50 Hz
Frequency	
ETIM_Tripmode	TM F/F
Trip Unit	
ETIM_TypePole	3
Number of protected poles	
FrequencyFrequency	50/60 Hz
Frequency	
Hauteur_produit_inst	130 mm
Height of installed product	
ICS_947_220	25 kA
Rated service breaking capacity Ics under 220V AC according IEC 60947-2	
ICS_947_230	25 kA
Rated service breaking capacity Ics under 230V AC according IEC 60947-2	
ICS_947_240	25 kA
Rated service breaking capacity Ics under 240V AC according IEC 60947-2	
ICS_947_380	20 kA
Rated service breaking capacity Ics under 380V AC according IEC 60947-2	
ICS_947_400	20 kA
Rated service breaking capacity Ics under 400V AC according IEC 60947-2	
ICS_947_415	20 kA
Rated service breaking capacity Ics under 415V AC according IEC 60947-2	
Icu_230	35 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	
Icu_240	35 kA
Rated ultimate short-circuit breaking capacity Icu under 240V AC IEC 60947-2	
icu_380v-ac_iec60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 380V AC IEC 60947-2	
Icu_400	25 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	
Icu_415	25 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	
IN	80 A
Rated current	
IN_10_IEC947	101.9 A
Rating current 10°C according to IEC 60947	
IN_15_IEC947	99.4 A
Rating current 150°C according to IEC 60947	
IN_20_IEC947	96.9 A
Rating current 20°C according to IEC 60947	

IN_25_IEC947	94.3 A
Rating current 25°C according to IEC 60947	
IN_30_IEC947	91.6 A
Rating current 30°C according to IEC 60947	
IN_35_IEC947	88.8 A
Rating current 35°C according to IEC 60947	
IN_40_IEC947	86 A
Rating current 40°C according to IEC 60947	
IN_45_IEC947	83 A
Rating current 45°C according to IEC 60947	
IN_50_IEC947	80 A
Rating current 50°C according to IEC 60947	
IN_55_IEC947	76.8 A
Rating current 55°C according to IEC 60947	
IN_60_IEC947	73.4 A
Rating current 60°C according to IEC 60947	
IN_65_IEC947	70 A
Rating current 65°C according to IEC 60947	
IN_70_IEC947	66.3 A
Rating current 70°C according to IEC 60947	
IP	IP4X
Protection index IP	
Irm_BM	1000 A
Range of the magnetic adjustment	
IrTh_BM	80 A
Range of the thermal adjustment	
ITBE_TemperatureCalibration	50 °C
Temperature of calibration	
Largeur_produit_inst	75 mm
Width of installed product	
NbrePole	3 P
Number of poles	
NumberElectricEndura	1000
Electric endurance in number of cycles	
NumberMechanicalEndu	4000
Number of mechanical operations	
PoNeutre	without neutral
Neutral position	
Prof_produit_inst	68 mm
Depth of installed product	
Pv_pole	6.3 W
Power loss per pole at In	
Pvt	18.9 W
Total power loss under IN	
QuantityAC_ContactInv	0
Number of auxiliary contacts as change-over contact	
QuantityAC_ContactNC	0
Number of auxiliary contacts as normally closed contact	
QuantityAC_ContactNO	0
Number of auxiliary contacts as normally open contact	
SuitableForDinRail	No
Compatible with DIN rail mounting	
SwitchOff_Indicator	Yes
Trip information on fault	
TextStandard	IEC 60947-2
Standard text	
TypConnx	Terminal
Type of connection	
TypePole	3P3D
Type of pole	
Ue	220 V
Rated operational voltage Ue	
Ui	690 V
Rated insulation voltage	
Uimp	8 kV
Rated impulse withstand voltage	

<b>WEEE_product-category</b>	Category 5
<b>Product categories described in the W3E directive 2012/19/EU</b>	
<b>with_disconnected-neutral</b>	No
<b>Concurrently switching N-neutral</b>	
<b>With_MotorOperator</b>	No
<b>Motor drive integrated</b>	
<b>With_UVRelease</b>	No
<b>With under voltage release</b>	