



HHB125Z

## MCCB X250 3P 25kA 125A TM

Product Datasheet

### Architecture

Type of order	Toggle
Number of poles	3 P
Type of pole	3P3D

### Functions

Complete device with protection unit	yes
Trip Unit	TM F/F
Integrated earth fault protection	no

### Compatibility

Compatible with DIN rail mounting	no
-----------------------------------	----

### Main electrical features

Rated operational voltage Ue	220 / 415 V
Frequency	50/60 Hz

### Voltage

Rated insulation voltage	800 V
Rated impulse withstand voltage	8 kV
With under voltage release	no

### Electric current

Rated current	125 A
Breaking capacity on 1 pole for IT 400V NF 60947-2	9 kA
Rated ultimate short-circuit breaking capacity Icu under 230V AC IEC 60947-2	35 kA
Rated ultimate short-circuit breaking capacity Icu under 400V AC IEC 60947-2	25 kA
Rated ultimate short-circuit breaking capacity Icu under 415V AC IEC 60947-2	25 kA

### Current correction factors

Correction factor of rating current for 2 devices placed side-by-side	1
Correction factor of rating current for 3 devices placed side-by-side	1
Correction factor of rating current for 4 and 5 devices placed side-by-side	1
Correction factor of rating current for 6 devices placed side-by-side	1

### Power

Total power loss under I <sub>N</sub>	27,7 W
Power loss per pole at I <sub>N</sub>	9,2 W

### Tripping

Tripmode	TM
Time of response when opening	10 ms

### Endurance

Electric endurance in number of cycles	1000
Number of mechanical operations	4000

### Installation, mounting

Tightening torque	12Nm
DIN rail mounting with optional adaptator	yes

### Connection

Connection cross-sect. flexible conductor	35 / 150mm <sup>2</sup>
Connection cross-sect. rigid cable	35 / 185mm <sup>2</sup>
Connection	Front connection
Type of connection	Terminal

### Settings

Range of the magnetic adjustment	1625 A
----------------------------------	--------

### Equipment

Motor drive optional	yes
----------------------	-----

### Use cases

Category of use	A
-----------------	---

### Standards

Standard text	IEC 60947-2
European directive WEEE	concerned

### Safety

Protection index IP	IP4X
---------------------	------

### Use conditions

Operating temperature	-25...70 °C
Altitude	2000 m
Air humidity protection	for all climates
Storage/transport temperature	-35...70 °C