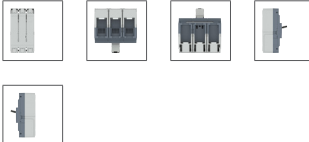




HMJ400DR



**Moulded Case Circuit Breaker h3 x630 TM ADJ 3P3D 400A 50kA FTC**

**Technical Features**

**Electric current**

Rated current	400 A
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 400 V AC IEC 60947-2	50 kA
Rated ultimate short-circuit breaking capacity I <sub>cu</sub> under 240 V AC IEC 60947-2	85 kA
Rated service breaking capacity I <sub>cs</sub> under 230 V AC according to IEC 60947-2	85 kA
Rated service breaking capacity I <sub>cs</sub> under 400 V AC according to IEC 60947-2	50 kA
Rated current 10°C according to IEC 60947	470.70 A
Rated current 15°C according to IEC 60947	462.50 A
Rated current 20°C according to IEC 60947	454.10 A
Rated current 25°C according to IEC 60947	445.50 A
Rated current 30°C according to IEC 60947	436.80 A
Rated current at 35°C according to IEC 60947	427.90 A
Rated current at 40°C according to IEC 60947	418.80 A
Rated current 45°C according to IEC 60947	409.50 A
Rated current 50°C according to IEC 60947	400 A
Rated current 55°C according to IEC 60947	390.30 A
Rated current at 60°C according to IEC 60947	380.30 A
Rated current 65°C according to IEC 60947	370 A
Rated current 70°C according to IEC 60947	359.40 A

**Architecture**

Number of poles	3
Control/operation element	Toggle
Device construction type	Fixed built-in
Neutral position	Without neutral

**Tripping**

Response time when opening	10 ms
----------------------------	-------

**Frequency**

Frequency	50 - 60 Hz
-----------	------------

**Voltage**

Rated impulse withstand voltage U <sub>imp</sub>	8000 V
Rated insulation voltage U <sub>i</sub>	800 V
Rated operational voltage U <sub>e</sub>	220 - 415 V

**Functions**

Trip unit	TM A/A
-----------	--------

**Power**

Total power loss under I <sub>N</sub>	80 W
---------------------------------------	------

**Safety**

Ingress Protection (IP) class	IP4X
-------------------------------	------

**Settings**

Thermal protection knob setting xI <sub>N</sub>	0.63 0.8 1
---	------------------

**Cable**

Cable material	Copper
----------------	--------

**Compatibility**

Compatible with RDC AOB	Yes
Suitable for DIN Rail	No
Suitable for distribution board	Yes

---

**Dimensions**

Dimensions	260 x 140 mm
Height	260 mm
Width	140 mm
Depth	150 mm
Downstream busbar: width, height, diameter screw (max.)	10 mm 12 mm 32 mm
Top stream busbar: width, height, diameter screw (max.)	10 mm 12 mm 32 mm

---

**Installation, mounting**

Mounting-/Connection Position	Front
Nominal tightening torque	18 - 18 Nm
Nominal tightening torque down terminal	18 - 18 Nm
Nominal tightening torque top terminal	18 - 18 Nm

---

**Sustainability**

REACH-SVHC free	Yes
RoHS conform	Yes