

Interruptores de Caja Moldeada HYUNDAI

MCCB

Molded Case Circuit Breakers



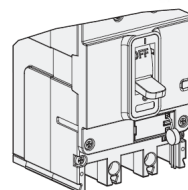
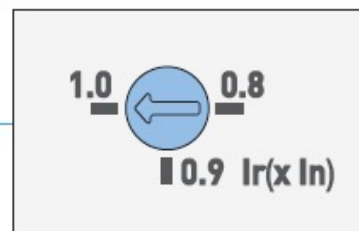
INTERRUPTORES DE CAJA MOLDEADA - MCCB

CARACTERISTICAS DESTACADAS – Serie HGM MCCB

- Diseño al 100 % de la capacidad



Ue(V)	Icu(kA)
660 / 690V	~ 8kA
480 / 500V	~ 26kA
440 / 460V	~ 38kA
415V	~ 38kA
380V	~ 42kA
220 / 240V	~ 85kA
250V	~ 20kA
Ics = Icu 100%	



Ajuste protegido mediante compuerta precintable para evitar Ajustes NO Autorizados

AMPLIO RANGO DE CAPACIDAD

HGM 100AF – 1600AF (16 -1600 Amps)

ALTA CAPACIDAD DE CORTO-CIRCUITO

16 kA – 85 kA @ 480 V, Ics = 100% Icu (Serie HGM)

10 k – 100 kA @ 480 V, Ics = 100% Icu (Serie HGP)

TENSION DE AISLAMIENTO @ 1000 V

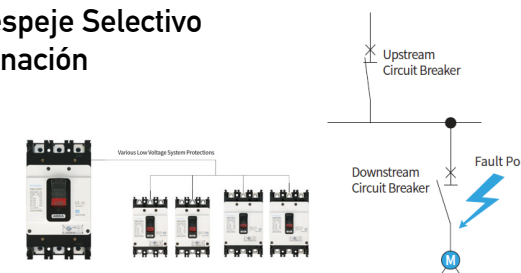
TENSION DE OPERACION @ 690 V

TENSION SOPORTADA DE IMPULSO @ 8000 V

COORDINACION DE PROTECCION REFORZADA

Permite Despeje Selectivo

- Discriminación
- Cascada



RANGO DE CORRIENTE AJUSTABLE (MCCB)

100 – 250AF: 0.8 – 0.9 – 1.0 x In

400 – 800AF: 0.63 – 0.8 – 1.0 x In

1000 – 1600AF: from 0.4 to 1.0 x In (electronic std)

INTERRUPTORES DE CAJA MOLDEADA - MCCB

CAPACIDADES DE ACUERDO AL FRAME

- Diseño al 100 % de la capacidad
- Todos los Frames en 2, 3 y 4 Polos



Amps:
16, 20, 25, 32, 40, 50, 63, 75, 80, 100

32, 50, 63, 100 AF



Amps:
16, 20, 25, 32, 40, 50, 63, 75, 80, 100, 125

50, 125 AF



Amps:
100, 125, 150, 160, 175, 200, 225, 250

160, 250 AF



Amps:
250, 300, 350, 400

400 AF



Amps:
500, 630, 700, 800

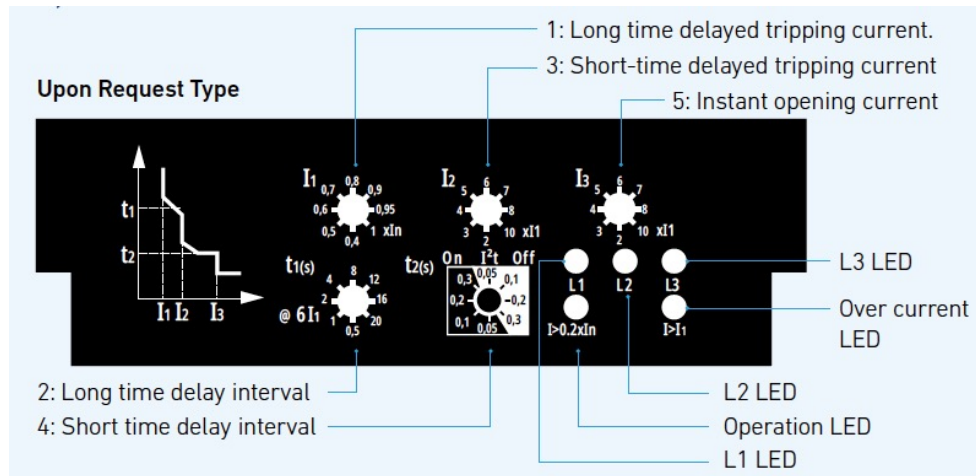
630, 800 AF

INTERRUPTORES DE CAJA MOLDEADA - MCCB

1000, 1250 y 1600AF

Unidad Electronica

- LT Adj: 0.4-0.5-0.6-0.7-0.8-0.9-0.95-1xI_n
- STD Adj: 2-3-4-5-6-7-8-10xI₁
- INST Adj: 2-3-4-5-6-7-8-10xI₁



Amps:
1000, 1250

1000, 1250AF (3P & 4 P)



Amps:
1600

1600AF (3P)

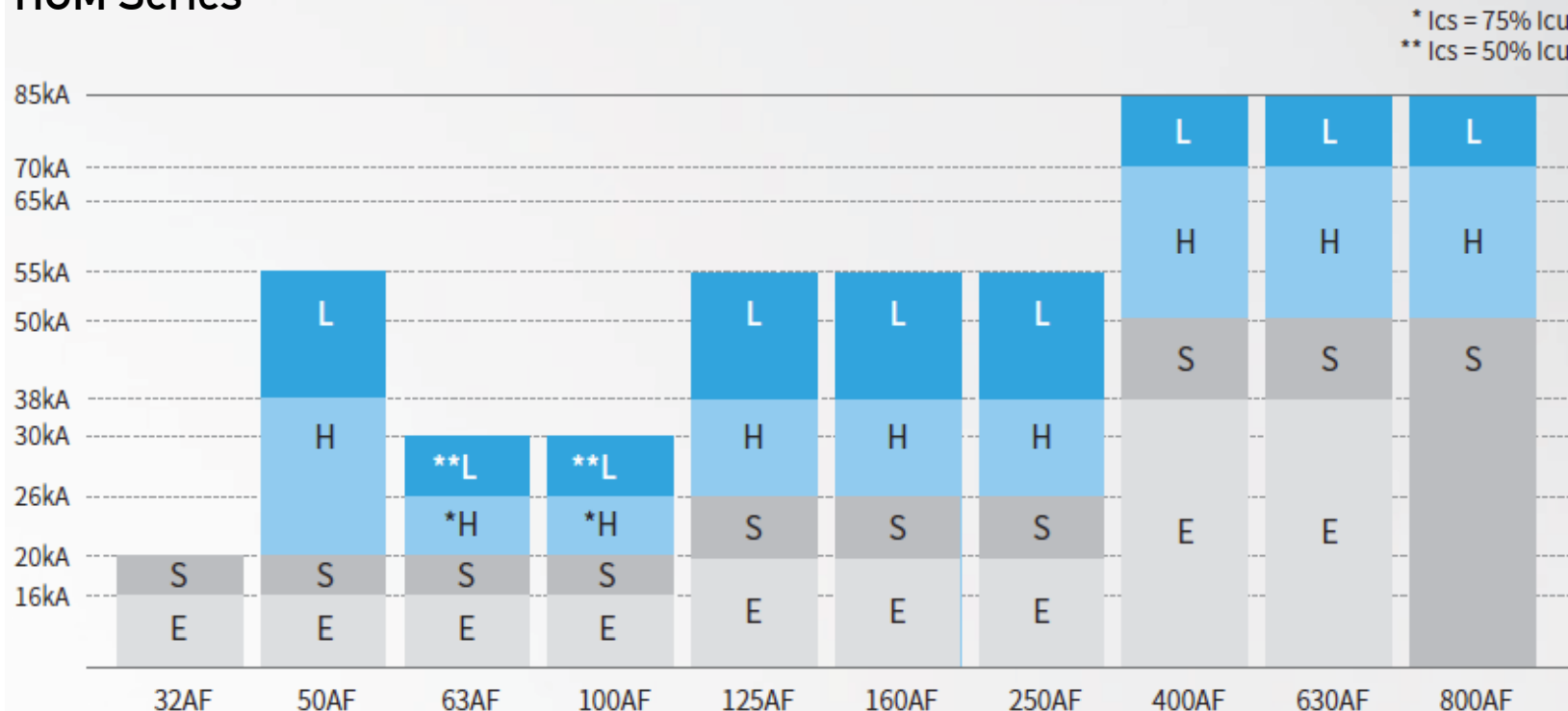
INTERRUPTORES DE CAJA MOLDEADA - MCCB

TABLA DE CAPACIDADES DE ACUERDO AL FRAME

- Diseño al 100 % de la capacidad

Rated Short-Circuit Current by AF, ($I_{cs} = 100\% I_{cu}$ at 440/460 V)

HGM Series



AMPLIO RANGO DE CAPACIDAD

HGM 100AF – 1600AF

HGP 100AF – 800AF (High Breaking Capacity)

ALTA CAPACIDAD DE CORTO-CIRCUITO

HGM 7.5 kA – 85 kA @ 480 V, $I_{cs} = 100\% I_{cu}$

HGP 25 kA – 100 kA @ 400 V, $I_{cs} = 100\% I_{cu}$

VOLTAGE DE AISLAMIENTO @ 1000 V

COORDINACION DE PROTECCION REFORZADA

Permite selectividad

RANGO DE CORRIENTE AJUSTABLE (MCCB)

100 – 250AF: $0.8 - 0.9 - 1.0 \times I_n$

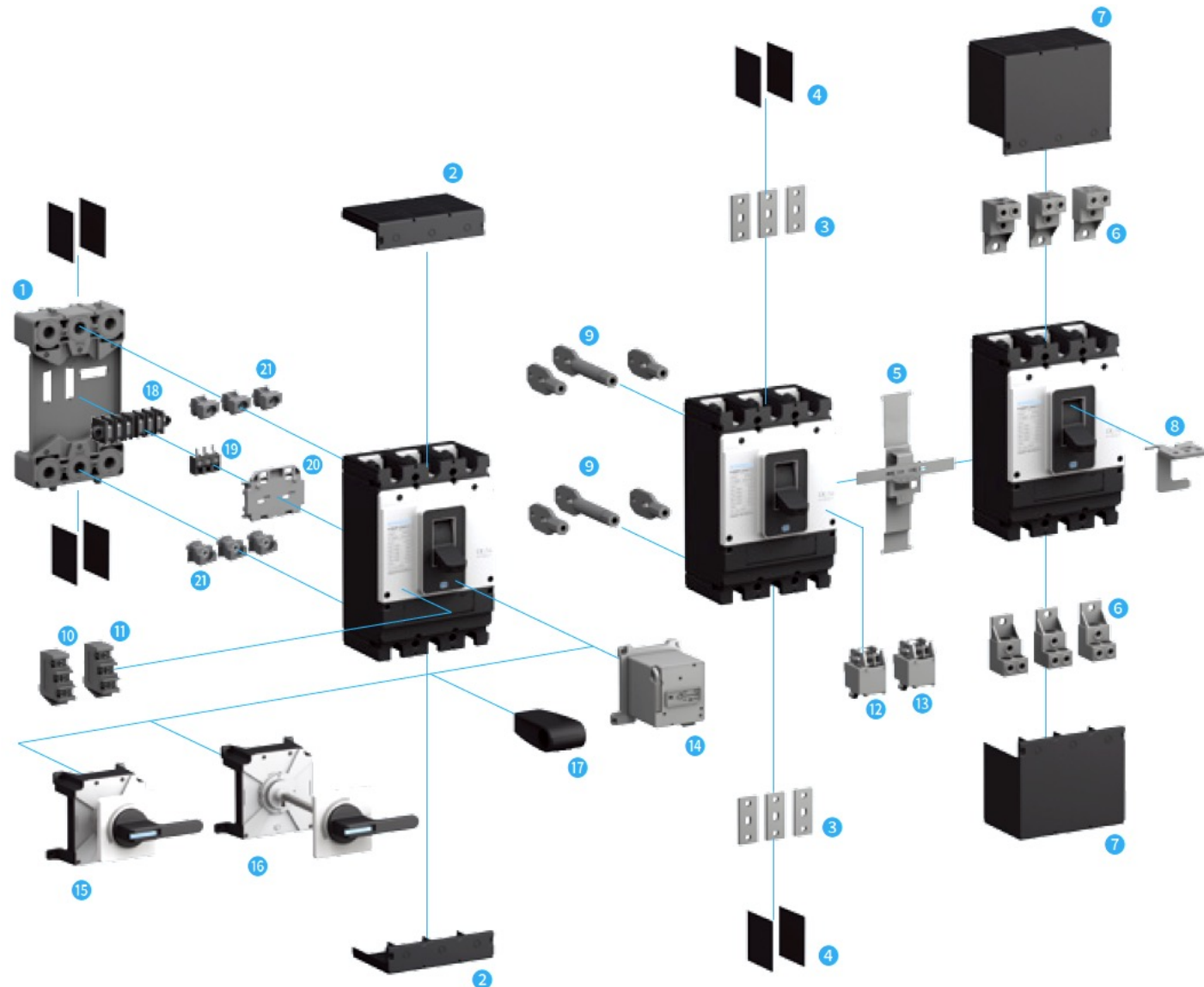
400 – 800AF: $0.63 - 0.8 - 1.0 \times I_n$

1000 – 1600AF: from 0.4 to $1.0 \times I_n$

INTERRUPTORES DE CAJA MOLDEADA – MCCB

ACCESORIOS Y OPCIONES

- ❶ Plug-in Device (TDM)
- ❷ Terminal Cover (For Plug-in) (TCF Short Type)
- ❸ Bus Bar (TBB)
- ❹ Insulation Barrier (TQQ)
- ❺ Mechanical Interlock (MIF)
- ❻ Lug Terminal (CTB)
- ❼ Terminal Cover (General-Type) (TCF Long Type)
- ❽ Padlock (PLD)
- ❾ Rear Connection Terminal (RCT)
- ❿ Auxiliary Switch (AUX)
- ⓫ Trip Alarm Switch (ALT)
- ⓬ Shunt Trip Switch (SHT)
- ⓭ Under-Voltage Trip Switch (UVT)
- ⓮ Motor Operator (MOT)
- ⓯ Direct Rotary Handle (TFG)
- ⓰ Extended Rotary Handle (TFH)
- ⓱ Auxiliary Handle (THA)
- ⓲ Plug-in Terminal Block (CBM)
- ⓳ Plug-in Terminal Block (CBB BLOCK UNIT)
- ⓴ Plug-in Terminal Block (CBB PLATE)
- ⓴ Plug-in Terminal (PC MALE)





HD **HYUNDAI**
ELECTRIC