



Main

Range	Masterpact
Device short name	MTZ2 20 HF
Product or component type	Switch disconnector
Device application	Distribution
Switch-disconnector name	Masterpact MTZ2 20 HF
Poles description	4P
Network type	AC
Network frequency	50/60 Hz

Complementary

Control type	Push-button
Mounting mode	Drawout
Mounting support	Chassis
[Ie] rated operational current	2000 A AC 50/60 Hz 690 V
[Ui] rated insulation voltage	1000 V according to IEC 60947-3 AC 50/60 Hz
[Uimp] rated impulse withstand voltage	12 kV according to IEC 60947-3
[Icw] rated short-time withstand current	85 kA (1 s) according to IEC 60947-3 75 kA (3 s) according to IEC 60947-3
[Icm] rated short-circuit making capacity	187 kA peak 220...690 V AC 50/60 Hz
[Ue] rated operational voltage	690 V according to IEC 60947-3 AC 50/60 Hz
Performance level	HF
Suitability for isolation	Yes according to IEC 60947-3
Contact position indicator	Yes
Visible break	No
Mechanical durability	20000 cycles with maintenance according to IEC 60947-3 10000 cycles with maintenance according to IEC 60947-3
Electrical durability	8000 cycles according to IEC 60947-3 440 V AC 50/60 Hz AC-23A : 6000 cycles according to IEC 60947-3 690 V AC 50/60 Hz AC-23A :
Connection pitch	115 mm
Height	439 mm drawout circuit breaker with chassis 300 mm drawout switch disconnector without chassis
Width	556 mm drawout circuit breaker with chassis

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

493 mm drawout switch disconnecter without chassis

Depth	403 mm drawout circuit breaker with chassis
	300 mm drawout switch disconnecter without chassis

Environment

Product weight	80 kg
Standards	IEC 60947-3
Product certifications	ASEFA ASTA
IP degree of protection	IP30
Pollution degree	3 according to IEC 60947-1
Ambient air temperature for operation	-25...70 °C
Ambient air temperature for storage	-40...85 °C