

Technical Data Ex9M Accessories

Accessories for Moulded Case Circuit Breakers Ex9M

Shunt trip releases SHT2i

General parameters

It is possible to use one unit of shunt trip release SHT2i or one unit of undervoltage release UVT2i

Can be used for remote switch off

SHT21 for MCCBs of frame size M1

SHT22 for MCCBs of frame sizes M2 and M3

SHT24 for MCCBs of frame sizes M4 and M5

With connection wires

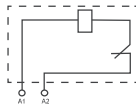
Electrical parameters

	SHT21	SHT22	SHT24
Tested according to	IEC/EN 60947-1, IEC/EN 60947-5-1		
Rated operating voltage U (according to type)	48 V AC 110 V AC 220 — 240 V AC 380 — 415 V AC 24 V DC 48 V DC 110 V DC 220 V DC	48 V AC 110 V AC 220 — 240 V AC 380 — 415 V AC 24 V DC 48 V DC 110 V DC 220 V DC	110 V AC 220 — 240 V AC 380 — 415 V AC 110 — 120 V DC 220 V DC 24 V DC 48 V DC
Rated frequency	50/60 Hz DC		
Rated insulation voltage U	500 V		
Tripping time	< 20 ms	< 20 ms	< 30 ms

Mechanical parameters

	SHT21	SHT22	SHT24
Suitable for	M1	M2, M3	M4, M5
Connection	equipped with connection wires		

Wiring diagrams



SHT2i

Technical Data Ex9M Accessories

Accessories for Moulded Case Circuit Breakers Ex9M

Undervoltage releases UVT2*i*

General parameters

It is possible to use one unit of shunt trip release SHT2*i* or one unit of undervoltage release UVT2*i*

To switch connected breaker off in case of voltage drop

UVT21 for MCCBs of frame size M1

UVT22 for MCCBs of frame size M2 and M3

UVT24 for MCCBs of frame size M4 and M5

With connection wires

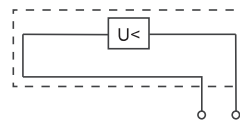
Electrical parameters

	UVT21	UVT22	UVT24
Tested according to	IEC/EN 60947-1, IEC/EN 60947-5-1		
Rated operating voltage U_n	220 — 240 V AC 380 — 415 V AC	220 — 240 V AC 380 — 415 V AC	110 V AC 220 — 240 V AC 380 — 415 V AC 110 — 120 V DC 220 V DC 24 V DC 48 V DC
Rated frequency f	50/60 Hz DC		
Rated insulation voltage U_i	500 V		
Tripping time	< 20 ms	< 20 ms	< 20 ms
Making threshold	85 % U_n	85 % U_n	85 % U_n
Tripping threshold	35 % U_n	35 % U_n	35 % U_n

Mechanical parameters

	UVT21	UVT22	UVT24
Suitable for	M1	M2, M3	M4, M5
Connection	equipped with connection wires		

Wiring diagrams



UVT2*i*