

PHOENIX CONTACT HMC SERIES HAZARDOUS LOCATION CIRCUIT BREAKERS

Introducing Phoenix Contact's first 120 V AC hydraulic-magnetic circuit breakers for use in Class I, Division 2 applications – the HMC Series.

The UL-approved products utilize a fully sealed hydraulic-magnetic design that allows for accurate power switching and reliable overcurrent protection. Each breaker is rated for 50 V DC, and breakers up to 15 A are also dual-rated at 120 V AC. They have a short circuit current rating (SCCR) of 1 kA, and temperature operating range of -40 C to 65 C.



FEATURES

The HMC offers pluggable line and load terminations, along with the unique T-bus option that allows breakers to snap into a common power bus. These features ease installation and reduce wiring. The product housing utilizes a unique plastic material that allows for large temperature swings and stays flexible without cracking.

HMC Series Circuit Breakers

- » 120VAC/50VDC
- » 1-20A
- » Class I, Division 2
- » 14 part numbers
 - › 8 standard versions
 - › 6 T-Bus versions

Target Market

- » Process (primarily Oil and Gas)



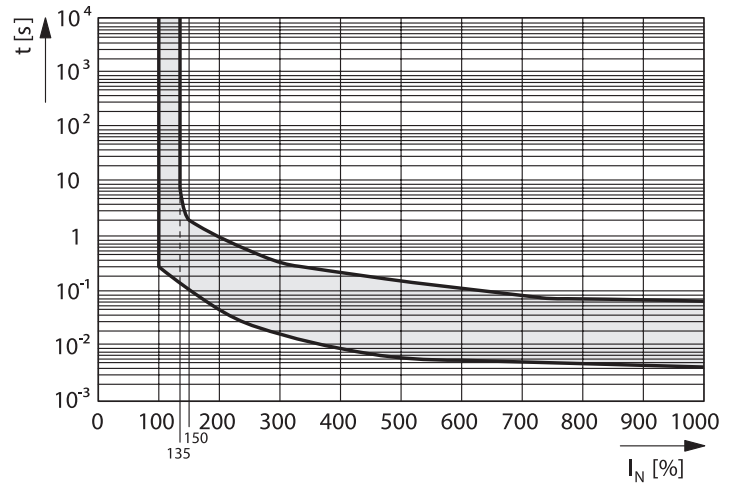
HMC CIRCUIT BREAKERS

120 V AC/50 V DC, CID2 overcurrent protection

The HMC series is Phoenix Contact's first family of 120 V AC hydraulic-magnetic circuit breakers for use in Class I, Division 2 applications.

The UL-approved products utilize a fully sealed, hydraulic-magnetic design that allows for accurate power switching and reliable overcurrent protection. Each breaker is rated for 50 V DC. Breakers up to 15 A are also dual rated at 120 V AC. They have short-circuit current rating (SCCR) of 1 kA and a temperature operating range of -40 C to 65 C.

- › Dual rated 120 V AC and 50 V DC
- › Hydraulic-magnetic technology provides extended temperature stability
- › Durable housing for withstanding drastic temperature swings
- › Can immediately be reset after a fault
- › Optional T-bus for reduced wiring



P/ND	Description	ACV rating	DC V rating	Ampere rating	UPC or EAN #	List Price
2907191	HMC 11 120AC 1A C1D2	120 V AC	50 V DC	1 A	4055626342344	210
2907192	HMC 11 120AC 2A C1D2	120 V AC	50 V DC	2 A	4055626342351	210
2907193	HMC 11 120AC 3A C1D2	120 V AC	50 V DC	3 A	4055626342368	210
2907194	HMC 11 120AC 5A C1D2	120 V AC	50 V DC	5 A	4055626342375	210
2907195	HMC 11 120AC 7.5A C1D2	120 V AC	50 V DC	7.5 A	4055626342382	210
2907196	HMC 11 120AC 10A C1D2	120 V AC	50 V DC	10 A	4055626342399	210
2907197	HMC 11 120AC 15A C1D2	120 V AC	50 V DC	15 A	4055626342405	210
2907199	HMC 11 50DC 20A C1D2	-	50 V DC	20 A	4055626342412	210
2907200	HMC 11 120AC 1A C1D2 TBUS	120 V AC	50 V DC	1 A	4055626342429	225
2907201	HMC 11 120AC 2A C1D2 TBUS	120 V AC	50 V DC	2 A	4055626342436	225
2907202	HMC 11 120AC 3A C1D2 TBUS	120 V AC	50 V DC	3 A	4055626342443	225
2907203	HMC 11 120AC 5A C1D2 TBUS	120 V AC	50 V DC	5 A	4055626342450	225
2907204	HMC 11 120AC 7.5A C1D2 TBUS	120 V AC	50 V DC	7.5 A	4055626342467	225
2907205	HMC 11 120AC 10A C1D2 TBUS	120 V AC	50 V DC	10 A	4055626342474	225

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