

Installation contactor with manual operation Ex9CHM



- Meet requirements of IEC/EN 61095
- Rated current up to 16, 20, 25, 32, 40, 63 A
- Rated voltage 24, 110, 220-240 V AC
- Rated frequency 50/60 Hz
- 2 or 4-contact versions
- Various contact combinations
- 4 selectable position (O , AUTO , I , I+P)

Installation contactors with manual operation Ex9CHM are suitable for household and building modular distribution boards. It is used as remote or manual switch for circuit control under AC-7b and AC-7a application category (e.g. mixers, blenders, fans, central vacuum).

The contactor shall not be used for breaking short-circuit current, therefore it should be used with a proper short-circuit protection device.

The contactor has 4 selectable positions:

- O - permanently OFF
- AUTO - switched while the supply voltage is provided to the coil
- I - manually switched , automatically returns to "AUTO" position after the supply voltage ends
- I+P - permanently ON

Type Key

Ex9	CH	16	M	20	24V
Product family	Product	Rated current	Operation	NO+NC main contacts	Rated voltage
Ex9	CH: Installation contactors	16 A 20 A 25 A 32 A 40 A 63 A	M: Manual operation	20 02 11 40 22 04 31	24 V AC 110 V AC 220-240 V AC

Certification marks



Installation contactor with manual operation Ex9CHM

Installation contactors with manual operation 16 A, 2 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	20	111595	Ex9CH16M 20 24V	1/12/120
24V AC	02	111596	Ex9CH16M 02 24V	1/12/120
24V AC	11	111597	Ex9CH16M 11 24V	1/12/120
110V AC	20	111602	Ex9CH16M 20 110V	1/12/120
110V AC	02	111603	Ex9CH16M 02 110V	1/12/120
110V AC	11	111604	Ex9CH16M 11 110V	1/12/120
220~240V AC	20	111609	Ex9CH16M 20 220-240V	1/12/120
220~240V AC	02	111610	Ex9CH16M 02 220-240V	1/12/120
220~240V AC	11	111611	Ex9CH16M 11 220-240V	1/12/120

Installation contactors with manual operation 16 A, 4 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	40	111598	Ex9CH16M 40 24V	1/6/60
24V AC	22	111599	Ex9CH16M 22 24V	1/6/60
24V AC	04	111600	Ex9CH16M 04 24V	1/6/60
24V AC	31	111601	Ex9CH16M 31 24V	1/6/60
110V AC	40	111605	Ex9CH16M 40 110V	1/6/60
110V AC	22	111606	Ex9CH16M 22 110V	1/6/60
110V AC	04	111607	Ex9CH16M 04 110V	1/6/60
110V AC	31	111608	Ex9CH16M 31 110V	1/6/60
220~240V AC	40	111612	Ex9CH16M 40 220-240V	1/6/60
220~240V AC	22	111613	Ex9CH16M 22 220-240V	1/6/60
220~240V AC	04	111614	Ex9CH16M 04 220-240V	1/6/60
220~240V AC	31	111615	Ex9CH16M 31 220-240V	1/6/60

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Installation contactors with manual operation 20 A, 2 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	20	111616	Ex9CH20M 20 24V	1/12/120
24V AC	02	111617	Ex9CH20M 02 24V	1/12/120
24V AC	11	111618	Ex9CH20M 11 24V	1/12/120
110V AC	20	111623	Ex9CH20M 20 110V	1/12/120
110V AC	02	111624	Ex9CH20M 02 110V	1/12/120
110V AC	11	111625	Ex9CH20M 11 110V	1/12/120
220~240V AC	20	111630	Ex9CH20M 20 220-240V	1/12/120
220~240V AC	02	111631	Ex9CH20M 02 220-240V	1/12/120
220~240V AC	11	111632	Ex9CH20M 11 220-240V	1/12/120

Installation contactors with manual operation 20 A, 4 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	40	111619	Ex9CH20M 40 24V	1/6/60
24V AC	22	111620	Ex9CH20M 22 24V	1/6/60
24V AC	04	111621	Ex9CH20M 04 24V	1/6/60
24V AC	31	111622	Ex9CH20M 31 24V	1/6/60
110V AC	40	111626	Ex9CH20M 40 110V	1/6/60
110V AC	22	111627	Ex9CH20M 22 110V	1/6/60
110V AC	04	111628	Ex9CH20M 04 110V	1/6/60
110V AC	31	111629	Ex9CH20M 31 110V	1/6/60
220~240V AC	40	111633	Ex9CH20M 40 220-240V	1/6/60
220~240V AC	22	111634	Ex9CH20M 22 220-240V	1/6/60
220~240V AC	04	111635	Ex9CH20M 04 220-240V	1/6/60
220~240V AC	31	111636	Ex9CH20M 31 220-240V	1/6/60

Installation contactor with manual operation Ex9CHM

Installation contactors with manual operation 25 A, 2 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	20	111637	Ex9CH25M 20 24V	1/12/120
24V AC	02	111638	Ex9CH25M 02 24V	1/12/120
24V AC	11	111639	Ex9CH25M 11 24V	1/12/120
110V AC	20	111644	Ex9CH25M 20 110V	1/12/120
110V AC	02	111645	Ex9CH25M 02 110V	1/12/120
110V AC	11	111646	Ex9CH25M 11 110V	1/12/120
220~240V AC	20	111651	Ex9CH25M 20 220-240V	1/12/120
220~240V AC	02	111652	Ex9CH25M 02 220-240V	1/12/120
220~240V AC	11	111653	Ex9CH25M 11 220-240V	1/12/120

Installation contactors with manual operation 25 A, 4 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	40	111640	Ex9CH25M 40 24V	1/6/60
24V AC	22	111641	Ex9CH25M 22 24V	1/6/60
24V AC	04	111642	Ex9CH25M 04 24V	1/6/60
24V AC	31	111643	Ex9CH25M 31 24V	1/6/60
110V AC	40	111647	Ex9CH25M 40 110V	1/6/60
110V AC	22	111648	Ex9CH25M 22 110V	1/6/60
110V AC	04	111649	Ex9CH25M 04 110V	1/6/60
110V AC	31	111650	Ex9CH25M 31 110V	1/6/60
220~240V AC	40	111654	Ex9CH25M 40 220-240V	1/6/60
220~240V AC	22	111655	Ex9CH25M 22 220-240V	1/6/60
220~240V AC	04	111656	Ex9CH25M 04 220-240V	1/6/60
220~240V AC	31	111657	Ex9CH25M 31 220-240V	1/6/60

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Installation contactors with manual operation 32 A, 2 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	20	111700	Ex9CH32M 20 24V	1/6/60
24V AC	02	111701	Ex9CH32M 02 24V	1/6/60
24V AC	11	111702	Ex9CH32M 11 24V	1/6/60
110V AC	20	111707	Ex9CH32M 20 110V	1/6/60
110V AC	02	111708	Ex9CH32M 02 110V	1/6/60
110V AC	11	111709	Ex9CH32M 11 110V	1/6/60
220~240V AC	20	111714	Ex9CH32M 20 220-240V	1/6/60
220~240V AC	02	111715	Ex9CH32M 02 220-240V	1/6/60
220~240V AC	11	111716	Ex9CH32M 11 220-240V	1/6/60

Installation contactors with manual operation 32 A, 4 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	40	111703	Ex9CH32M 40 24V	1/4/40
24V AC	22	111704	Ex9CH32M 22 24V	1/4/40
24V AC	04	111705	Ex9CH32M 04 24V	1/4/40
24V AC	31	111706	Ex9CH32M 31 24V	1/4/40
110V AC	40	111710	Ex9CH32M 40 110V	1/4/40
110V AC	22	111711	Ex9CH32M 22 110V	1/4/40
110V AC	04	111712	Ex9CH32M 04 110V	1/4/40
110V AC	31	111713	Ex9CH32M 31 110V	1/4/40
220~240V AC	40	111717	Ex9CH32M 40 220-240V	1/4/40
220~240V AC	22	111718	Ex9CH32M 22 220-240V	1/4/40
220~240V AC	04	111719	Ex9CH32M 04 220-240V	1/4/40
220~240V AC	31	111720	Ex9CH32M 31 220-240V	1/4/40

Installation contactor with manual operation Ex9CHM

Installation contactors with manual operation 40 A, 2 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	20	111658	Ex9CH40M 20 24V	1/6/60
24V AC	02	111659	Ex9CH40M 02 24V	1/6/60
24V AC	11	111660	Ex9CH40M 11 24V	1/6/60
110V AC	20	111665	Ex9CH40M 20 110V	1/6/60
110V AC	02	111666	Ex9CH40M 02 110V	1/6/60
110V AC	11	111667	Ex9CH40M 11 110V	1/6/60
220~240V AC	20	111672	Ex9CH40M 20 220-240V	1/6/60
220~240V AC	02	111673	Ex9CH40M 02 220-240V	1/6/60
220~240V AC	11	111674	Ex9CH40M 11 220-240V	1/6/60

Installation contactors with manual operation 40 A, 4 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	40	111661	Ex9CH40M 40 24V	1/4/40
24V AC	22	111662	Ex9CH40M 22 24V	1/4/40
24V AC	04	111663	Ex9CH40M 04 24V	1/4/40
24V AC	31	111664	Ex9CH40M 31 24V	1/4/40
110V AC	40	111668	Ex9CH40M 22 110V	1/4/40
110V AC	22	111669	Ex9CH40M 22 110V	1/4/40
110V AC	04	111670	Ex9CH40M 04 110V	1/4/40
110V AC	31	111671	Ex9CH40M 31 110V	1/4/40
220~240V AC	40	111675	Ex9CH40M 40 220-240V	1/4/40
220~240V AC	22	111676	Ex9CH40M 22 220-240V	1/4/40
220~240V AC	04	111677	Ex9CH40M 04 220-240V	1/4/40
220~240V AC	31	111678	Ex9CH40M 31 220-240V	1/4/40

Installation contactor with manual operation Ex9CHM

Installation contactors with manual operation 63 A, 2 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	20	111679	Ex9CH63M 20 24V	1/6/60
24V AC	02	111680	Ex9CH63M 02 24V	1/6/60
24V AC	11	111681	Ex9CH63M 11 24V	1/6/60
110V AC	20	111686	Ex9CH63M 20 110V	1/6/60
110V AC	02	111687	Ex9CH63M 02 110V	1/6/60
110V AC	11	111688	Ex9CH63M 11 110V	1/6/60
220~240V AC	20	111693	Ex9CH63M 20 220-240V	1/6/60
220~240V AC	02	111694	Ex9CH63M 02 220-240V	1/6/60
220~240V AC	11	111695	Ex9CH63M 11 220-240V	1/6/60

Installation contactors with manual operation 63 A, 4 contacts



Control voltage	Contacts NO+NC	Article No.	Type	Packing
24V AC	40	111682	Ex9CH63M 40 24V	1/4/40
24V AC	22	111683	Ex9CH63M 22 24V	1/4/40
24V AC	04	111684	Ex9CH63M 04 24V	1/4/40
24V AC	31	111685	Ex9CH63M 31 24V	1/4/40
110V AC	40	111689	Ex9CH63M 40 110V	1/4/40
110V AC	22	111690	Ex9CH63M 22 110V	1/4/40
110V AC	04	111691	Ex9CH63M 04 110V	1/4/40
110V AC	31	111692	Ex9CH63M 31 110V	1/4/40
220~240V AC	40	111696	Ex9CH63M 40 220-240V	1/4/40
220~240V AC	22	111697	Ex9CH63M 22 220-240V	1/4/40
220~240V AC	04	111698	Ex9CH63M 04 220-240V	1/4/40
220~240V AC	31	111699	Ex9CH63M 31 220-240V	1/4/40