MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

ABB

HDZ-60-30C 1VCF349750S0909

CIRCUIT BREAKER SPRING CHARGING MOTOR

Used with the applicable HD4 and VD4/R ESH configuration.

REFERENCE PACKAGE

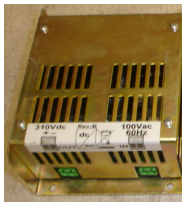
OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: ABB UniSec Spare Parts, 1VCP000691, p. 25

5.1.8 Power supply for undervoltage release (Classification L1)

Ordering code	Description
1VCF349773S0923	Power supply for undervoltage release YU-MU-MBU aux. voltage input 100Vac 60Hz output 310Vdc for time delay 0,5-3s for HD4-HA-H



5.1.9 Electromechanical lock for operating mechanism (Classification L2)

Ordering code	Description
1VCF349757S0902	Electromechanical lock for operating mechanism YL1-RL1-RLE1 aux. voltage 24Vdc for HD4 except HD4/R
1VCF349757S0903	Electromechanical lock for operating mechanism YL1-RL1-RLE1 aux. voltage 30Vdc for HD4 except HD4/R
1VCF349757S0904	Electromechanical lock for operating mechanism YL1-RL1-RLE1 aux. voltage 48Vdc/ac for HD4 except HD4/R
1VCF349757S0905	Electromechanical lock for operating mechanism YL1-RL1-RLE1 aux. voltage 60Vdc/ac for HD4 except HD4/R
1VCF349757S0909	Electromechanical lock for operating mechanism YL1-RL1-RLE1 aux. voltage 110-132Vdc, 110-127Vac for HD4 except HD4/R
1VCF349757S0918	Electromechanical lock for operating mechanism YL1-RL1-RLE1 aux. voltage 220-250Vdc/ac for HD4 except HD4/R



5.1.10 STU Shunt test unit (Classification L1)

Ordering code	Description
1VCF339700S0361	Shunt test unit (STU) for YO1-MO1-MBO1/YO2-MO2-MBO2/YC-MC-MBC 24-250Vdc/ac for Vmax-VD4-VD4R EL and only YC-MC-MBC for HD4-VD4R ESH



5.1.11 Motor for circuit breaker springs charging (Classification L2)

Ordering code	Description
1VCF349750S0902	Motor for circuit-breaker springs charging M-MS-MAS aux. voltage 24-30Vdc,24V 50Hz for HD4-VD4/R ESH
1VCF349750S0904	Motor for circuit-breaker springs charging M-MS-MAS aux. voltage 48-60Vdc/ac 50Hz for HD4-VD4/R ESH
1VCF349750S0909	Motor for circuit-breaker springs charging M-MS-MAS aux. voltage 110-132Vdc, 110-127Vac for HD4-VD4/R ESH
1VCF349750S0918	Motor for circuit-breaker springs charging M-MS-MAS aux. voltage 220Vdc for HD4-VD4/R ESH
1VCF349750S0948	Motor for circuit-breaker springs charging M-MS-MAS aux. voltage 220-250Vac for HD4-VD4/R ESH



5.1.12 Thermomagnetic circuit breaker for motor protection (Classification L2)

Ordering code	Description
1VCF349800S0241	Thermomagnetic circuit breaker for the protection of the motor , with contact ON or OFF, 24-60Vdc/ac 50Hz for HD4/R-VD4/R ESH
1VCF349800S0242	Thermomagnetic circuit breaker for the protection of the motor , with contact ON or OFF, 110-125Vdc,110-127Vac for HD4/R-VD4/R ESH
1VCF349800S0243	Thermomagnetic circuit breaker for the protection of the motor , with contact ON or OFF, 220Vdc, 220-240Vac for HD4/R-VD4/R ESH
1VCF349750S0261	Thermomagnetic circuit breaker for the protection of the motor 24-60Vdc/ac 50Hz for HD4 front version
1VCF349750S0263	Thermomagnetic circuit breaker for the protection of the motor 110-125Vdc, 110-127Vac for HD4 front version
1VCF349750S0264	Thermomagnetic circuit breaker for the protection of the motor 220Vdc, 220-240Vac for HD4 front version

