

DATA SHEET

# TH(H)QB-RC

## Q Line miniature circuit breakers



TH(H)QB-RC breakers also feature quick-make/quick-break mechanisms, common trip bars, and easy-to-spot trip indication to help ensure safety and reliability. TH(H)QB-RC breakers are available in 1, 2, and 3 pole versions and can be ordered with auxiliary contact and shunt trip accessories. TH(H)QB-RC is a member of the Q Line Miniature Circuit Breakers family.

Q-Line circuit breakers type TH(H)QB-RC are 1" wide per pole, compact, thermal-magnetic devices that feature a ring lug cable terminal, and are designed for exclusive use in ReliaGear™ RQ panelboards.

### Q Line Miniature Circuit Breakers family includes:

- TH(H)QC - cable-in, cable-out (lug-lug)
- TH(H)QB - bolt-on with load-side compression terminal
- TH(H)QB - RC - bolt-on with load-side ring lug

### Product details

- Thermal magnetic
- Compact design
- Molded case



**THQB-RC 120/240 V AC ring terminal connection**

# of Poles	Ampere rating	120/240 V AC interrupting rating	Product number
1	15	10 kA	THQB1115RC
1	20	10 kA	THQB1120RC
1	25	10 kA	THQB1125RC
1	30	10 kA	THQB1130RC
1	35	10 kA	THQB1135RC
1	40	10 kA	THQB1140RC
1	45	10 kA	THQB1145RC
1	50	10 kA	THQB1150RC
1	60	10 kA	THQB1160RC
1	70	10 kA	THQB1170RC



**THQB-RC 120/240 V AC ring terminal connection, internal common trip**

# of Poles	Ampere rating	120/240 V AC interrupting rating	Product number
2	15	10 kA	THQB2115RC
2	20	10 kA	THQB2120RC
2	25	10 kA	THQB2125RC
2	30	10 kA	THQB2130RC
2	35	10 kA	THQB2135RC
2	40	10 kA	THQB2140RC
2	45	10 kA	THQB2145RC
2	50	10 kA	THQB2150RC
2	60	10 kA	THQB2160RC
2	70	10 kA	THQB2170RC
2	80	10 kA	THQB2180RC
2	90	10 kA	THQB2190RC
2	100	10 kA	THQB21100RC



**THQB-RC 240 V AC ring terminal connection, internal common trip**

# of Poles	Ampere rating	240 V AC interrupting rating	Product number
2	15	10 kA	THQB22015RC
2	20	10 kA	THQB22020RC
2	25	10 kA	THQB22025RC
2	30	10 kA	THQB22030RC
2	35	10 kA	THQB22035RC
2	40	10 kA	THQB22040RC
2	45	10 kA	THQB22045RC
2	50	10 kA	THQB22050RC
2	60	10 kA	THQB22060RC
2	70	10 kA	THQB22070RC
2	80	10 kA	THQB22080RC
2	90	10 kA	THQB22090RC
2	100	10 kA	THQB22100RC



**THQB-RC 240 V AC ring terminal connection, internal common trip**

# of Poles	Ampere rating	240 V AC interrupting rating	Product number
3	15	10 kA	THQB32015RC
3	20	10 kA	THQB32020RC
3	25	10 kA	THQB32025RC
3	30	10 kA	THQB32030RC
3	35	10 kA	THQB32035RC
3	40	10 kA	THQB32040RC
3	45	10 kA	THQB32045RC
3	50	10 kA	THQB32050RC
3	60	10 kA	THQB32060RC
3	70	10 kA	THQB32070RC
3	80	10 kA	THQB32080RC
3	90	10 kA	THQB32090RC
3	100	10 kA	THQB32100RC



### THHQB-RC 120/240 V AC ring terminal connection

# of Poles	Ampere rating	120/240 V AC interrupting rating	Product number
1	15	22 kA	THHQB1115RC
1	20	22 kA	THHQB1120RC
1	25	22 kA	THHQB1125RC
1	30	22 kA	THHQB1130RC
1	35	22 kA	THHQB1135RC
1	40	22 kA	THHQB1140RC
1	45	22 kA	THHQB1145RC
1	50	22 kA	THHQB1150RC
1	60	22 kA	THHQB1160RC
1	70	22 kA	THHQB1170RC



### THHQB-RC 120/240 V AC ring terminal connection, internal common trip

# of Poles	Ampere rating	120/240 V AC interrupting rating	Product number
2	15	22 kA	THHQB2115RC
2	20	22 kA	THHQB2120RC
2	30	22 kA	THHQB2130RC
2	35	22 kA	THHQB2135RC
2	40	22 kA	THHQB2140RC
2	45	22 kA	THHQB2145RC
2	50	22 kA	THHQB2150RC
2	60	22 kA	THHQB2160RC
2	70	22 kA	THHQB2170RC
2	80	22 kA	THHQB2180RC
2	90	22 kA	THHQB2190RC
2	100	22 kA	THHQB21100RC



### THHQB-RC 240 V AC ring terminal connection, internal common trip

# of Poles	Ampere rating	240 V AC interrupting rating	Product number
2	15	22 kA	THHQB22015RC
2	20	22 kA	THHQB22020RC
2	25	22 kA	THHQB22025RC
2	30	22 kA	THHQB22030RC
2	35	22 kA	THHQB22035RC
2	40	22 kA	THHQB22040RC
2	45	22 kA	THHQB22045RC
2	50	22 kA	THHQB22050RC
2	60	22 kA	THHQB22060RC
2	70	22 kA	THHQB22070RC
2	80	22 kA	THHQB22080RC
2	90	22 kA	THHQB22090RC
2	100	22 kA	THHQB22100RC



### THHQB-RC 240 V AC ring terminal connection, internal common trip

# of Poles	Ampere rating	240 V AC interrupting rating	Product number
3	15	22 kA	THHQB32015RC
3	20	22 kA	THHQB32020RC
3	25	22 kA	THHQB32025RC
3	30	22 kA	THHQB32030RC
3	35	22 kA	THHQB32035RC
3	40	22 kA	THHQB32040RC
3	45	22 kA	THHQB32045RC
3	50	22 kA	THHQB32050RC
3	60	22 kA	THHQB32060RC
3	70	22 kA	THHQB32070RC
3	80	22 kA	THHQB32080RC
3	90	22 kA	THHQB32090RC
3	100	22 kA	THHQB32100RC

## Technical Data THQB-RC/THHQB-RC

Approvals/standards	UL 489
Poles	1 - 2 - 3
Rated current	15 to 100 A
Rated voltage	240 V AC
Rated frequency	60 Hz
Calibration temperature	40°C
Interrupting rating	10 kA (THQB) 22 kA (THHQB)
Trip position	Yes (handle midway between ON and OFF)
Terminal (line side)	Bolt-on (panel-mount)
Terminal (load side)	Ring tongue
Conductor size (CU 60/75°C)	AWG 14 - 1 (depending on type/ampacity)
Conductor size (AL 60°C)	AWG 11 - 1/0 (depending on type/ampacity)
Terminal screw	#10-32 / #2
Terminal screw torque	20 in-lb
Housing material	BMC black
Toggle material	Phenolic black
Mechanical/electrical endurance	According to UL 489
Dimensions per pole	3.526" x 1" x 3.276"
Weight per pole	5.7 oz.
RoHS compliant	Yes

