

Disconnect Switches and Operating Mechanisms

Premium Duty QMW, Heavy Duty QMR

Section 9

Individual Components

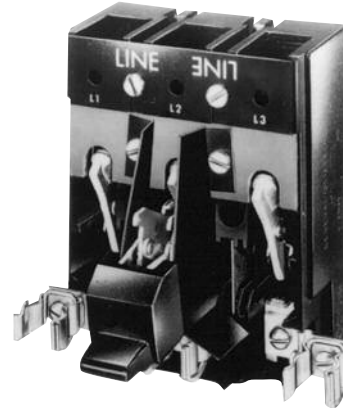
30-200 Amperes

240, 480, 600 Vac, 250 Vdc

Product Description

QMR and QMW switches (30-200 amperes), fuse and no-fuse kits are UL Recognized Components, File E-36152, and UL Recognized to Canadian safety requirements under the Component Recognition Program of Underwriters Laboratories Inc.

The 30-200 ampere fusible switches are UL Recognized for use on circuits capable of delivering not more than 200,000 rms symmetrical amperes at 240 or 600Vac when fused with Class R rated size fuses. Refer to the table 7-3 for the appropriate Class R Fusing Kit. They are suitable for use with Type STDA flange handles and variable depth operating mechanisms on page 9-7.



QMW Premium Heavy-Duty Switch
(with Fuse Clips from Fuse Kit)

Basic Switches - Premium Duty (QMW) and Heavy Duty (QMR)

Duty Type	Ampere Rating	Interrupting Rating Amperes Symmetrical 600Vac, 3-phase	Product Number
Premium Duty - QMW	30A	950	THMC31 ¹
Premium Duty - QMW	60A	1700	THMC32 ¹
Premium Duty - QMW	100A	1800	THMC33 ¹
Premium Duty - QMW	200A	3600	THMC34
Heavy Duty - QMR	30A	420	THMS31 ¹
Heavy Duty - QMR	60A	900	THMS32 ¹
Heavy Duty - QMR	100A	1700	THMS33 ¹
Heavy Duty - QMR	200A	3400	THMS34

Handle Operator: Order from pages 9-7 or 9-8.

¹Specify special screw kit if load risers are to be fastened from underside of base. Two screws required per switch; 10 screws in each product number THMC1 kit.



Disconnect Switches and Operating Mechanisms Premium Duty QMW, Heavy Duty QMR (continued)

Section 9

Individual Components

30-200 Amperes

240, 480, 600 Vac, 250 Vdc

Fuse and No-Fuse Kits — Horsepower Ratings 3-pole

Product Number	Description of Kit	HP Rating, AC, 3-Phase, NEC Std. Fuse @ 240Vac	HP Rating, AC, 3-Phase, NEC Std. Fuse @ 480Vac	HP Rating, AC, 3-Phase, NEC Std. Fuse @ 600Vac	HP Rating, AC, 3-Phase, Time-Delay Fuse @ 240Vac	HP Rating, AC, 3-Phase, Time-Delay Fuse @ 480Vac	HP Rating, AC, 3-Phase, Time-Delay Fuse @ 600Vac	HP Rating, 125Vdc	HP Rating, 250Vdc
THMC3100	No Fuse	-	-	-	7.5	20	25	3	5
THMC3200	No Fuse	-	-	-	20	40	50	5	10
THMC3300	No Fuse	-	-	-	30	60	75	-	20
THMC3400	No Fuse	-	-	-	60	125	150	-	40
THMC3121	30A, 240Vac/250Vdc	3	-	-	7.5	-	-	3	5
THMC3222	60A, 240Vac/250Vdc	5	-	-	15	-	-	5	10
THMC3161	30A, 600Vac	-	5	7.5	-	15	20	3	5
THMC3262	60A, 600Vac	-	15	20	-	40	50	5	10
THMC3363	100A, 240Vac/250Vdc 100A, 600Vac	10	25	30	30	60	75	-	20
THMC3364	200 A, 600Vac	25	50	60	-	-	-	-	-
THMC3464	200A, 240Vac/250Vdc 200A, 600Vac	25	50	60	60	125	150	-	40
THMC3465	400A, 600Vac	50	100	125	-	-	-	-	-

Fuse and No-Fuse Kits (Includes load block, clips, and lugs)

Product Number	Description of Kit	Switch Product Number	Fuse Type	No. of Poles	Lug Wire Size
THMC3100 ²	No Fuse	THMC31 or THMS31	No Fuse	3	Wire Keeper Term. for #14-8 CU
THMC3200	No Fuse	THMC32 or THMS32	No Fuse	3	CU 14-2 AL 12-2
THMC3300	No Fuse	THMC33 or THMS33	No Fuse	3	CU 14-0 AL 12-0
THMC3400	No Fuse	THMC34 or THMS34	No Fuse	3	6-250 kcmil CU-AL
THMC3121 ¹	30A, 240Vac/250Vdc	THMC31 or THMS31	NEC Standard	3	Wire Keeper Term. for #14-8 CU
THMC3222 ¹	60A, 240Vac/250Vdc	THMC31 or THMS31	NEC Standard	3	Wire Keeper Term. for #14-8 CU
THMC3161 ¹	30A, 600Vac	HMC31 or THMS31	NEC Standard and Class J	3	Wire Keeper Term. for #14-8 CU
THMC3262 ¹	60A, 600Vac	THMC31 or THMS31	NEC Standard and Class J	3	Wire Keeper Term. for #14-8 CU
THMC3363	100A, 240Vac/250Vdc 100A, 600Vac	THMC32 or THMS32	NEC Standard and Class J	3	CU 14-2 AL 12-2
THMC3364	200A, 600Vac	THMC33 or THMS33	NEC Standard and Class J	3	CU 14-0 AL 12-0
THMC3464	200A, 240Vac/250Vdc 200A, 600Vac	THMC34 or THMS34	NEC Standard and Class J	3	6-250 kcmil CU-AL
THMC3465	400A, 600Vac	THMC34 or THMS34	NEC Standard and Class J	3	6-250 kcmil CU-AL

No-fuse ratings indicate switch capability as permitted by UL 508 (Ind. Cont. Equip.), additional hp ratings correspond to commercially available fuses. For DC use outer poles.

¹Can be used for one-step underfusing for next higher current-rated disconnect.

²Maximum UL listing 20 hp. at 600V.

