Table 8: Master Controller Accessories

Model	Description
4100-2300	Expansion Bay Assembly; order for each required expansion bay (not required for 4100-9121)
4100-2303	Legacy Module Stabilizer Bracket, used when expansion bays have legacy slot style modules
4100-2301	Expansion Bay Upgrade Kit for mounting 4100ES style (4 in. x 5 in. modules) in existing 4100 style panels; **Note:** When using this kit to upgrade a 4100+ transponder, a 4100-0620 Transponder Interface Card (TIC) is also required for communications to the 4100ES module

Table 9: Master Controller Upgrades for Existing 4020 Series Fire Alarm Control Panel

Model	Description
4100-9833	4020 Master Controller Upgrade to 4100ES; Includes New Master Controller with LCD & operator interface assembly, 8 VDC Converter and RUI+ (isolated or un-isolated) Interface in a single bay cabinet with locking glass door and retainer; mounts as an adjunct panel close-nippled to existing 4020 cabinet; also includes 8 VDC box-to-box power and communications harness and solid filler panel for the existing 4020 Master Controller bay

Module Selection Information

Current Calculation Notes

To determine total supervisory current, add currents of modules in panel to base system value and all external loads powered by panel power supplies.

To determine total alarm current, add currents of modules in panel to base system alarm current and add all panel NAC loads and all external loads powered from panel power supplies.

Table 10: Communication Modules

Model	Description			Size	Supv.	Alarm
4100-1291	Un-isolated remote unit interface module (RUI); up to three maximum per control panel			1 Slot	85 mA	85 mA
4100-6030	Service Port Modem, local panel access only, mounts to Master Controller Module, requires telephone line connection, accesses same information as front panel port			N.A.	70 mA	70 mA
4100-6031	**Select one per SPS (fits on SPS)**	City Circuit, with disconnect switches	For use with SPS only, not RPS	N.A.	20 mA	36 mA
4100-6032		City Circuit, w/o disconnect switches		N.A.	20 mA	36 mA
4100-6033		Alarm Relay, 3 Form C relays, 2 A @ 32 VDC; for SPS or RPS		N.A.	15 mA	37 mA
4100-6038	Dual Port RS-232 with 2120 interface (slot module)		3 maximum of RS-232 type modules per panel	1 Slot	132 mA	132 mA
4100-6046	Dual Port RS-232 standard interface (4 in. x 5 in. module)			1 Block	60 mA	60 mA
4100-6045	Decoder Module			3 Slots	85 mA	163 mA
4100-6048	VESDA Aspiration System Interface			1 Slot	132 mA	132 mA
4100-6052	DACT, Point or Event Reporting; one shipped unless 4100-7908 is selected; two max. per system; includes two 2080-9047 cables, 14 ft (4.3 m) long, RJ45 plug and spade lugs			1 Slot	30 mA	40 mA

Table 11: Expansion, System and Remote Power Supplies (Canadian models have low battery cutout)

Model	Voltage/Listing		Description	Size	Supv.	Alarm
4100-5101	120 VAC	UL	**Expansion Power Supply (XPS)**; 9 A output, three built-in Class A/B NACs; NAC operation is same as SPS, see Operator Interface for details	2 Blocks	50 mA	50 mA
4100-5103	120 VAC, Canadian	ULC	**Expansion Power Supply (XPS)**; 9 A output, three built-in Class A/B NACs; NAC operation is same as SPS, see Operator Interface for details	2 Blocks	50 mA	50 mA
4100-5102	220 to 240 VAC	UL	**Expansion Power Supply (XPS)**; 9 A output, three built-in Class A/B NACs; NAC operation is same as SPS, see Operator Interface for details	2 Blocks	50 mA	50 mA
4100-5115	NAC Expansion Module, three NACs, Class A/B, mounts on XPS only			N.A.	25 mA	25 mA
4100-5111	120 VAC	UL	**Additional System Power Supply (SPS)**; 9 A power supply/charger with 250 point IDNet channel, three Class A/B NACs, add IDNet device currents separately	4 Blocks	175 mA	185 mA
4100-5112	120 VAC, Canadian	ULC	**Additional System Power Supply (SPS)**; 9 A power supply/charger with 250 point IDNet channel, three Class A/B NACs, add IDNet device currents separately	4 Blocks	175 mA	185 mA
4100-5113	220 to 240 VAC	UL	**Additional System Power Supply (SPS)**; 9 A power supply/charger with 250 point IDNet channel, three Class A/B NACs, add IDNet device currents separately	4 Blocks	175 mA	185 mA
4100-5125	120 VAC	UL	**Remote Power Supply (RPS)**; 9 A power supply/charger similar to SPS except no IDNet channel or City Circuits; will accept one 4100-6033	4 Blocks	150 mA	185 mA