

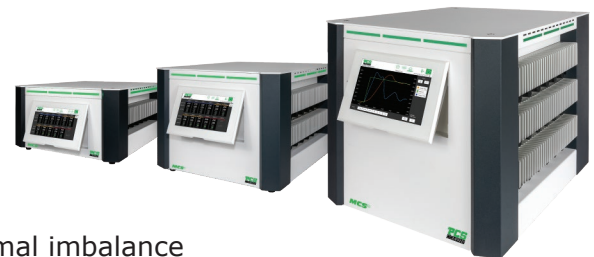
# MCS Temperature Control Systems



PCS Company's MCS hot runner controllers offer reliable and precise control of the hot runner system with the simplest possible operation. The fast control behavior makes the hot runner controllers universally applicable for the control of all standard systems, but also for demanding high performance applications with slim nozzles of low mass. Integrated interfaces for optimum communication with the injection molding machine and extensive support and error detection functions complete the equipment. New development of the intuitive user interface, which allows the controller to be operated without instruction or prior knowledge. With unique and innovative functions, even untrained users can operate the controller safely.

## Features:

- Softstart function
- Digital control of inputs
- Sequentially heat or cool group or individual zones
- Tool storage
- Group heating to prevent thermal imbalance
- Zone diagnostics
- Controlled heating in the event of a thermocouple failure
- Service file containing technical data
- Industry standard power and thermocouple connectors
- Leak Detection



Item Number	Zones	Voltage	Breaker Amperage	HMI Screen
MCS-6	6	240	40A	7"
MCS-12	12	240	63A	7"
MCS-18	18	240	63A	7"
MCS-24	24	240	63A	7"
MCS-30	30	240	63A	7"
MCS-36	36	240	63A	7"
MCS-42	42	240	125A	19"
MCS-48	48	240	125A	19"
MCS-54	54	240	125A	19"
MCS-60	60	240	125A	19"
MCS-66	66	240	125A	19"
MCS-72	72	240	125A	19"
MCS-78	78	240	125A	19"
MCS-84	84	240	125A	19"
MCS-90	90	240	125A	19"
MCS-96	96	240	125A	19"
MCS-102	102	240	125A	19"
MCS-108	108	240	125A	19"
MCS-114	114	240	125A	19"
MCS-120	120	240	125A	19"

# MCS Temperature Control Replacement Items and Accessories

PCS Company provide replacement items and accessories for the MCS Temperature Control Systems. Items include replacement HMI touchscreen monitors, various communication cables, floorstand and monitor mounting stand.

## Features:



- Replacement 15" or 19" touchscreen monitors



- Communication cables



- Floor stand up to 36 zones



- Remote mount for touchscreen monitor

Item Number	Description
MCS-PC-00495	Touchscreen Monitor, 15"
MCS-PC-00496	Touchscreen Monitor, 19"
MCS-AU-00350	AU350 cable set touch monitor, 5m
MCS-AU-00351	AU351 cable set touch monitor, 10m
MCS-AU-00352	AU352 cable set touch monitor, 10m
MCS-AU-00119	AU119 Signal Line Digit In, 6m
MCS-AU-00109	AU109 Signal Line Digit In, 6m
MCS-ROWA-1	Floor Stand, Dimensions (W x H x D), 430 x 865 x 600 mm, maximum 36 zones
MCS-PC-00520	Touchscreen Monitor Wall Mount
MCS-PC-00487	Touchscreen Monitor Stand
MCS-88-00012	Alarm-connector, MCS 7-pol.
MCS-53-00025	Fan 80x80x25mm, 24VDC
MCS-62-00087	Fuse 16A gRL (6,3x32mm)
MCS-62-00012	Fuse 2,5A mt (5x20mm)
MCS-62-00089	Fuse 16A t (6,3x32mm)
MCS-61-00027	Fuse cap
MCS-05-00019	Triac BTA41-600B, isolated
MCS-5-LB1	LED strip 3-times RGB
MCS-67-02155	Mounting plate VESA100 for 15"/19" monitor
MCS-58-93109	Main switch, 3-line, max. 40A contact bloc and handle black 6 zones
MCS-58-110109	Main switch, 3-line, max. 63A (contact bloc and handle black)
MCS-68-00017	Housing feet, pluggable, black
MCS-99-00153	Power supply 24VDC/75W/ 3A
MCS-58-83112	Load disconnecter,3-line, 125A (contact bloc and handle black)
MCS-99-00152	Power supply 24VDC/320W/13A
MCS-BP-12231	Power board (for 6 zones)