

Unidrive ^{SP} Overview

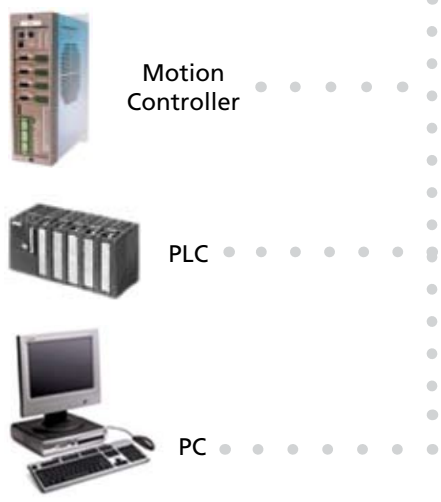
Integration Flexibility with Unidrive SP: The Solutions Platform



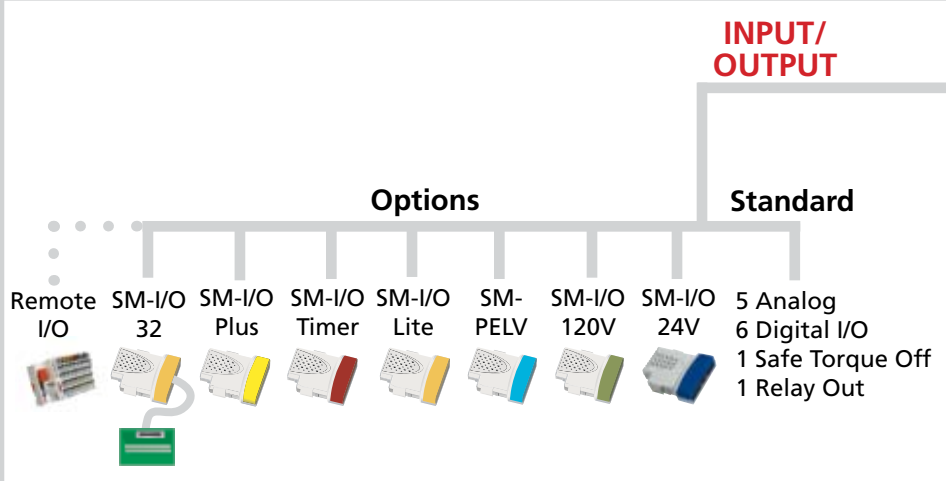
OPERATOR INTERFACE



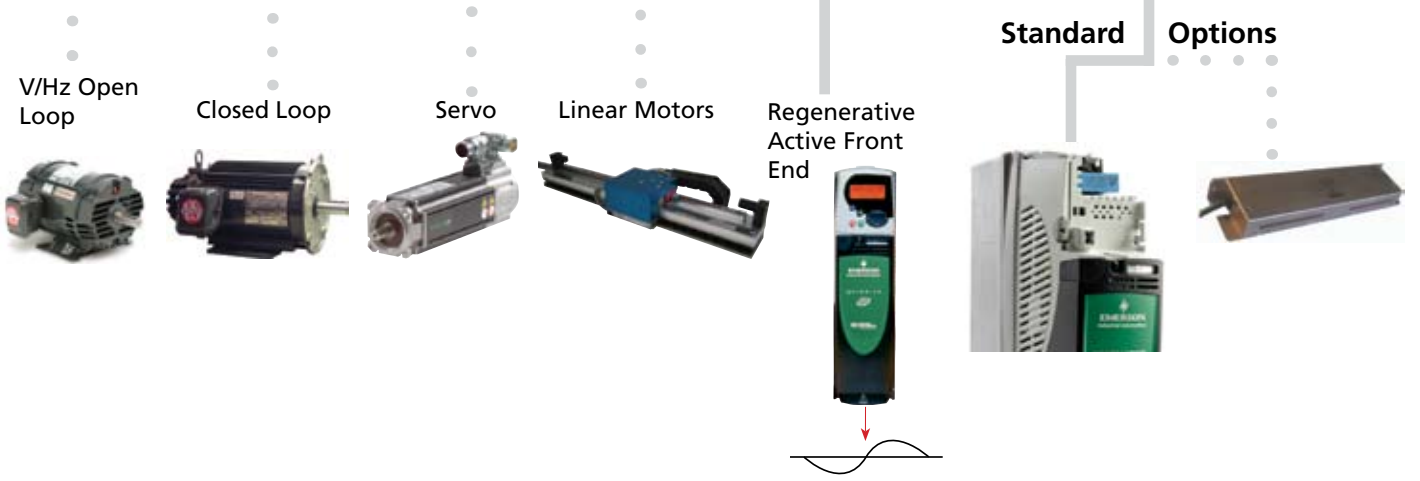
EXTERNAL PLC/MOTION CONTROL



CONTROL MODE



FILTERS



DYNAMIC BRAKING

Zero Space Internal
Brake Resistor
E-Stop Duty
(size 0-2)



APPLICATIONS WITH PLC OR MOTION FUNCTIONALITY

SM-Applications
Lite V2



OR SM-Applications Plus &/OR SM-Register OR SM-EZMotion



Programming Platform

High Speed
Capture &
Registration

Programming Platform
PowerTools Pro
"Motion Made Easy"TM
Indexing
Gearing
Profiles



OR



(IEC61131-3)

PLC Functionality
Features

AND

Motion Functionality
Features

Function Block Programming
Ladder Logic Sequencing

Embedded Position Loop
PLC Open Motion Blocks
SyPT / DPL / Function Block

FEEDBACK

Standard

Options

Sin/Cos
Quadrature
Frequency/Direction
Clockwise/Counter Clockwise



SM-Universal
Encoder Plus



Accepts or replicates
all standard feedback types

SM-Encoder Plus



Quadrature

SM-Resolver



SM-Encoder
Output Plus



COMMUNICATIONS

Standard

Options



Modbus RTU



DC BACK UP POWER SUPPLY



24V Control



48-96V Power