

NEMA 3R, 4, 12, and 13 HMI Enclosures



Applications

Designed to house Human-Machine Interfaces (HMI) and electrical and electronic controls, instruments and components. Provides protection from dust, oil, and water. For outdoor application a drip shield and drain vent is recommended.

Construction

- 0.075in carbon steel
- Seams continuously welded and ground smooth
- Reinforced with suspension or pedestal mounting provisions
- Concealed hinge rear access door
- Removable front screw cover for easy installation of cutouts, HMI, and components
- Poured-in-place oil- and water-resistant gasket
- Black 1/4-turn latches
- Operate latches with a screwdriver
- Ground studs on door and body

Finish

- RAL7035 gray powder coated

Listings

- NEMA Type 3R, 4, 12, and 13
- cULus Listed Type 3R, 4, and 12 [File E69392]
- CSA Type 3R, 4, and 12
- IEC 60529
- IP66



Front View



Rear View

Note: Compatible with Saginaw Aluminum and Adjustable Suspension Arm Components.

NEMA 3R, 4, 12, and 13 HMI Enclosures						
RAL7035	Price	Size HxWxD	Weight	Max Front Cutout Area	Optional Subpanel	Drawing Link
SCE-12HMI1606LP	\$507.00	12.27 x 16.27 x 7.25 [312 x 413 x 184]	22.30 [10.11]	9.5 x 13.5 [241 x 343]	SCE-12P10	PDF
SCE-12HMI1610LP	\$538.00	12.27 x 16.27 x 11.25 [312 x 413 x 286]	22.17 [10.05]	9.5 x 13.5 [241 x 343]	SCE-12P10	PDF
SCE-14HMI1806LP	\$551.00	14.27 x 18.27 x 7.25 [362 x 464 x 184]	38.20 [17.32]	11.5 x 15.5 [292 x 394]	SCE-14P12	PDF
SCE-14HMI1810LP	\$584.00	14.27 x 18.27 x 11.25 [362 x 464 x 286]	27.00 [12.24]	11.5 x 15.5 [292 x 394]	SCE-14P12	PDF
SCE-16HMI2006LP	\$597.00	16.27 x 20.27 x 7.25 [413 x 515 x 184]	32.50 [14.74]	13.5 x 17.5 [343 x 445]	SCE-16P14	PDF
SCE-16HMI2010LP	\$631.00	16.27 x 20.27 x 11.25 [413 x 515 x 286]	30.50 [13.83]	13.5 x 17.5 [343 x 445]	SCE-16P14	PDF
SCE-20HMI2406LP	\$652.00	20.27 x 24.27 x 7.25 [515 x 616 x 184]	42.80 [19.41]	17.5 x 21.5 [445 x 546]	N/A	PDF
SCE-20HMI2410LP	\$703.00	20.27 x 24.27 x 11.25 [515 x 616 x 286]	50.40 [22.86]	17.5 x 21.5 [445 x 546]	N/A	PDF

Note: Dimensions in inches [millimeters].
Weight in pounds [kilograms]

Light Duty Counter Balance Suspension Arms



Applications

Allows operators to easily move or position an HMI to an ergonomic and comfortable working position. Suspension Systems can be assembled in a multitude of configurations that allow for machine-, wall-, top-, and floor-mount options.

Construction

- Rotating couplings have adjustable tensioner brakes to control movement while in use
- Closed tube acts as conduit for feeding wiring

Finish

- Natural Aluminum end couplings

Light Duty Counter Balance Suspension Arms			
Part	Price	Load Capacity	Drawing Link
SCE-SACB11T31	\$1,545.00	11-31 [4.99 x 14.06]	PDF
SCE-SACB31T55	\$1,573.00	31-55 [14.06 x 24.94]	PDF
Note:Weight in pounds [kilograms]			



Heavy Duty Counter Balance Suspension Arms



Applications

Allows operators to easily move or position an HMI to an ergonomic and comfortable working position. Suspension Systems can be assembled in a multitude of configurations that allow for machine-, wall-, top-, and floor-mount options

Construction

- Rotating couplings have adjustable tensioner brakes to control movement while in use
- Closed tube acts as conduit for feeding wiring

Finish

- RAL7035 gray powder coated end couplings

Heavy Duty Counter Balance Suspension Arms

Part	Price	Load Capacity	Drawing Link
<u>SCE-SAHC44T70</u>	\$3,462.00	44-70 [19.95 x 31.75]	<u>PDF</u>
<u>SCE-SAHC70T97</u>	\$3,572.00	70-97 [31.75 x 43.99]	<u>PDF</u>
<u>SCE-SAHC97T132</u>	\$3,655.00	97-132 [43.99 x 59.86]	<u>PDF</u>
Note: Weight in pounds [kilograms]			

Heavy-Duty Counter-Balance Suspension Arm Mounting Components



Applications

Used to mount a Heavy-Duty Adjustable Arm to a vertical or Horizontal surface. Require SCE-SAH06TC to connect to adjustable arm.

Construction

- Cast aluminum couplings
- Extruded aluminum tubes (6060T66)
- Rotating couplings have adjustable tensioner brakes to control movement while in use
- Rigid, durable bearing in all rotating couplings withstand the stress of continuous
- Removable access covers on all couplings with 90° turn
- Hardware and gasket included for installation of coupling to tube

Top-Mounted Swivel

Part Number	Price	Drawing Link
SCE-SAH310TMJ	\$1,147.00	PDF

Mounts to horizontal surface, and offers up to 310° of arm rotation. Requires [SCE-SAH06TC](#) to connect to a Heavy Duty Height Adjustable Arm.



[SCE-SAH310TMJ](#)

Wall-Mount Swivel Base

Part Number	Price	Drawing Link
SCE-SAH230WH	\$1,165.00	PDF

Mounts to horizontal surface, and offers up to 230° of arm rotation. Requires [SCE-SAH06TC](#) to connect to a Heavy Duty Height Adjustable Arm.



[SCE-SAH230WH](#)

Heavy-Duty Suspension Arm Profile

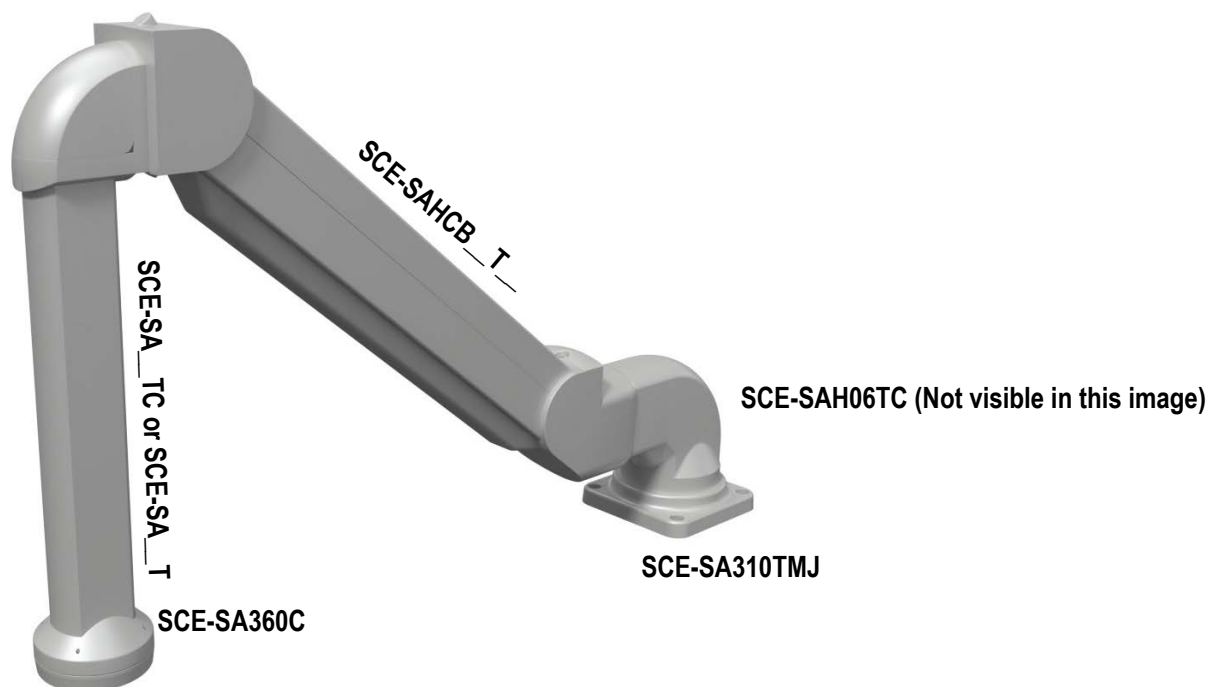
Part	Price	Length	Drawing Link
SCE-SAH06TC	\$158.00	6.0 [152]	PDF

Note: Weight in pounds [kilograms]



[SCE-SAH06TC](#)

Height Adjustable Suspension Arm Configuration Examples



Note: When assembled, profile tube SCE-SAH06TC is enclosed and not visible from some perspectives.

