

SOLARSHIELD™ HMI COVER

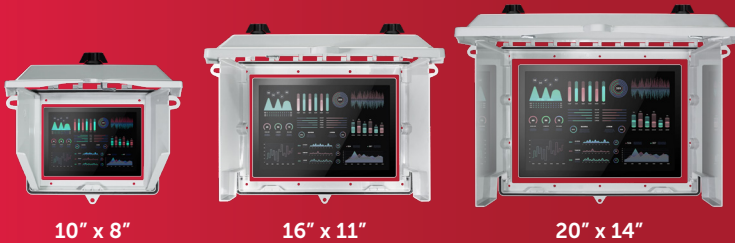
STÄHLIN
A ROBROY Brand

The most innovative and durable non-metallic HMI cover for use with all enclosure material types — now available in patented opaque and clear configurations!

Choose from our expanded range of sizes — **10" x 8", 16" x 11", and 20" x 14"** — to discover the ultimate HMI screen protection for your application!



SolarShield™ Opaque HMI Cover



SolarShield™ Clear HMI Cover



MARKETS AND INDUSTRIES

- + Ideal for Non-Hazardous Industrial and Commercial OEM market segments
- + Oil and gas, equipment manufacturing, industrial machines, water/wastewater, marine, food and beverage

APPLICATIONS

- + Extremely tough and durable, **patented** SolarShield HMI Covers are used in both outdoor and indoor applications.
- + Opaque configuration provides superior protection of Human Machine Interface (HMI) screens from the sun. Both Opaque and Clear configurations provide protection from wind-blown dust, water, oils, chemicals, grease, and other environmental conditions.

**Opaque configuration only — select Opaque if UV protection is required. Clear configuration offers protection from environmental conditions and debris while allowing for continual visibility of the screen; no additional UV protection.*

***The 10" x 8" HMICVR1008 only is UL Recognized under file #E64358 and maintains the NEMA Type 4/4X rating on a Type 4/4X enclosure when a Type 4X HMI Device is installed.*


INNOVATIVE FEATURES

- 1 Superior Protection**
SolarShield HMI covers protect HMI screens and electrical equipment from corrosion and damage due to UV*, water, oils, dirt, and sand and greatly reduce equipment replacement cost.
 - 2 Simple and Functional**
Easy to use, hinged design includes supporting inner doors* for hands-free use and better visibility of the HMI screens in the sun.
 - 3 Strong and Durable**
Impact resistant polycarbonate construction provides long dependable life in harsh conditions.
- + Patented design with non-metallic, hinged inner doors* to shield screen from the sun and allow for hands-free use
 - + Clear Cover configuration has no inner doors, allowing for excellent visibility of the HMI screen while cover is closed
 - + Broad, expanded size selection features options for most standard size HMI screens with dimensions up to 20"W x 14"H
 - + UL Listed NEMA 4/4X**
 - + Universal covers can be used with either non-metallic or metallic enclosures
 - + Lightweight, high-impact rated, UV resistant polycarbonate material construction
 - + Stainless steel hardware kit included
 - + Padlock-able for increased security
 - + Simple and easy installation with the use of common tools
 - + Installation instructions and drill template provided
 - + Color: Pantone 428C

MATERIALS

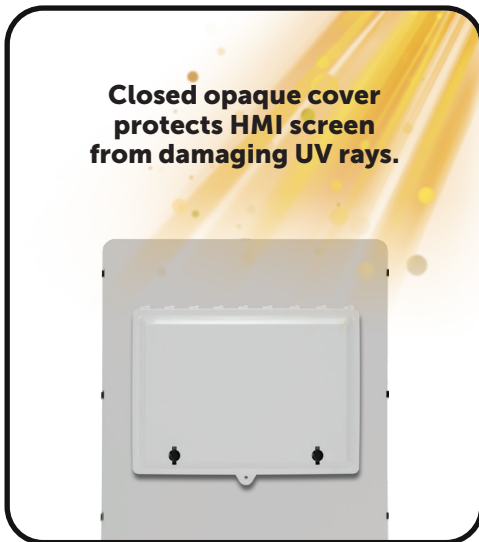
- + Cover, Base, and Inner Doors: Polycarbonate with UV inhibitors
- + Gasket: Robotically applied foam-in-place seamless polyurethane
- + Hardware: Stainless Steel
- + Twist Latch: Polyamide

RATINGS AND LISTINGS

- +  per file #E540056*
- + UL 508 A
- + UL Listed NEMA Type 4/4X*
- + Operating Temperature Rating:
-40°F to +248°F (-40°C to +120°C)
- + Outdoor UV Exposure (UL 746C) (f1) Rated — UL's best rating; resin has passed test for UV exposure and water immersion

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HOW TO USE: OPAQUE CONFIGURATION



HOW TO USE: CLEAR CONFIGURATION





ORDERING INFORMATION

SolarShield™ HMI Cover Catalog Info

Catalog Number	Description	Overall H x W x D	Inside H x W x D (Screen Clearance)
HMICVR1008	Opaque HMI Cover	11.41 x 13.13 x 2.50	7.25 x 9.88 x 2.25
HMICVR1008C	Clear HMI Cover	11.41 x 13.13 x 2.50	7.25 x 9.88 x 2.25
HMICVR1611	Opaque HMI Cover	15.72 x 19.10 x 2.59	11.25 x 15.88 x 2.21
HMICVR1611C	Clear HMI Cover	15.72 x 19.10 x 2.59	11.25 x 15.88 x 2.21
HMICVR2014	Opaque HMI Cover	17.98 x 23.07 x 2.59	14.25 x 19.88 x 2.21
HMICVR2014C	Clear HMI Cover	17.98 x 23.07 x 2.59	14.25 x 19.88 x 2.21

SolarShield™ HMI Cover Compatibility

HMI Cover	Smallest Compatible Enclosure Size				
	J Series	PolyStar®	PolySlim™	N Series	Diamond Shield
HMICVR1008	J1412	PC1412	PC141204	N2016	D1412
HMICVR1008C	J1412	PC1412	PC141204	N2016	D1412
HMICVR1611	J2020	PC2424	PC242406	Consult Factory	N/A
HMICVR1611C	J2020	PC2424	PC242406	Consult Factory	N/A
HMICVR2014	J2424	PC2424	PC242406	Consult Factory	N/A
HMICVR2014C	J2424	PC2424	PC242406	Consult Factory	N/A

