SOLARSHIELD™ HMI COVER

AttaBox®
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

10" x 8"   16" x 11"   20" x 14"

SolarShield™ Clear HMI Cover

10" x 8"   16" x 11"   20" x 14"

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.

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.

INNOVATIVE FEATURES

+ 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
+ NEMA 4/4X
+ Universal covers can be used with either non-metallic or metallic enclosures
+ Lightwight, 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

*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 but provides no additional UV protection.

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

+ ᶜ(UL)ᵤₛ LISTED per file #E540056: 20" x 14", 16" x 11"
+ ᶜ🆄ᵤₛ per file #E64358: 10" x 8"*
+ UL 508 A
+ 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

Maintains NEMA Type 4/4X rating on a Type 4/4X enclosure when a Type 4X HMI Device is installed.

HOW TO USE: OPAQUE CONFIGURATION

Closed opaque cover protects HMI screen from damaging UV rays.

Twist latch(es) counterclockwise and lift top hinged cover.

Open hinged inner doors and rest cover into notches for an easy, hands-free viewing experience — even in bright sunlight!

HOW TO USE: CLEAR CONFIGURATION

Closed clear cover allows excellent visibility of HMI screen.

Twist latch(es) counterclockwise and lift top hinged cover for easy access to HMI screen.

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		
	Smallest Compatible Enclosure Size	
HMI Cover	**Heartland®**	**Heartland SL™**
HMICVR1008	**AH14126**	**AH14124**
HMICVR1008C	**AH14126**	**AH14124**
HMICVR1611	**AH242410**	**AH24246**
HMICVR1611C	**AH242410**	**AH24246**
HMICVR2014	**AH242410**	**AH24246**
HMICVR2014C	**AH242410**	**AH24246**

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500 Maple Street, Belding, MI 48809 | csr@robroyenclosures.com | (616) 794-0700