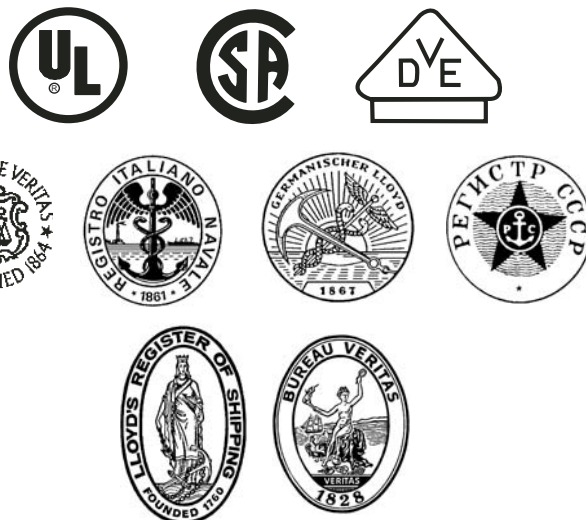


General information Material reference



Approvals

The pushbuttons and pilot lights are approved by:

- national approval agencies: VDE, UL[Ⓢ] and CSA[Ⓢ]
- marine classification: Lloyds, Bureau Veritas, Det Norske Veritas, Germanische Lloyd and Maritime Register of Shipping (Russia).

UL & IEC

For UL & IEC comparison, see page 8.50.

Standards

IEC 73, 529, 947-5-1, 947-5-5
EN 50 013, 60 947-5-1
VDE 0660 part 2
UL 508
CSA C22.2 No. 14

Degrees of protection

Operators

Pushbutton with flush or extended button	IP 66
Mushroom pushbutton, momentary	IP 66
Mushroom pushbutton, maintained	IP 54
Emergency stop pushbutton	IP 66
Double pushbutton	IP 54
Reset button	IP 64
Lockable pushbutton and lockable mushroom pushbutton	IP 43
Selector switch	IP 66
Key operated selector switch	IP 54
Toggle switch	IP 43
Pilot light	IP 66
Buzzer	IP 65
Signal tower K70	IP 54
Signal beacons	IP 65
Compact pilot lights	IP 66
Illuminated mushroom pushbutton, momentary	IP 66

Electrical functions

Contact block, lamp block and transformer block	IP 20
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Enclosures

Polycarbonate enclosures (non-metallic)

Marked with >PC-GF10< for recycling	IP 65
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Light-alloy enclosures (metallic)

(with sealing membrane)	IP 67
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Ⓢ For detailed information please contact ABB.