



Certificate no.:
TAE0000524

TYPE APPROVAL CERTIFICATE

This is to certify:
that the Monitoring Relay

with type designation(s)
MRTA PowerLogic A125/A3F6P/A3S6P/A3F12P/A3S12P

issued to
Schneider Electric Industries SAS
Rueil Malmaison, France

is found to comply with
DNV rules for classification – Ships, offshore units, and high speed and light craft

Application:

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV.

Issued at **Høvik** on **2025-07-02**

This Certificate is valid until **2030-06-11**.

for **DNV**

DNV local unit: **France CMC**

Approval Engineer: **Qiang William Guo**

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

The PowerLogic (A125 – A3F6P – A3F12P – A3S6P - A3S12P) devices is an Arc Flash Protection relay which can detect the light of an arc flash with connected light sensors and will send the tripping information to a switching device to interrupt the energy source

Technical data:

confirmed data:

PowerLogic A3	A3F6P	A3F12P	A3S6P	A3S12P
Number of channels of input sensor	6	12	6	12
Type of input sensor	Light point sensor			
Protection schemes	Non-selective, Incomer, Feeder	Non-selective, Incomer, Feeder	Non-selective, Feeder	Non-selective
Output relays	T1/T2/T3	T1/T2	T3	N/A
Watchdog outputs	T4	N/A	T4	N/A
External power supply	yes		N/A	
Size(WxHxD)	70.6mmx134.4mmx126.2mm		34mmx134.4mmx125.1mm	
Note	T1 and T3 are HSO contacts. T2 is conventional contact.T4 is used for WD.			

PowerLogic	A125
Number of channels of input sensor	4
Type of input sensor	Light point sensor
Protection schemes	Non-selective, Incomer, Feeder
Output relays	T1/T2
Watchdog outputs	SF
External power supply	Yes
Size(WxHxD)	70.6mmx135.8mmx126.2mm
Note	T1 is HSO contact. T2 is conventional contact, SF is used for WD.

Application/Limitation

Operation instruction of the manufacture to be observed, installation of the unit is to be according to manufacturer's specifications.

The PowerLogic A3 is intended for indoor installation and use only. If it is required for use in an outdoor environment, it should be mounted in a specific cabinet that will enable it to meet the requirements of IEC60529 with the classification of protection degree IP54(dust and splashing water protected).

Location class according to DNV-CG-0339 Aug.2021

Temperature class	D
Humidity class	A
Vibration class	A
EMC class	A
Enclosure	A

Type Approval documentation

Tests carried out

Test in accordance with IACS UR_E10 Rev. 9: 2023 ,power supply variation, electrical power supply failure ,vibration, cold, dry heat, damp heat , flame retardant ,salt mist and EMC tests.

Marking of product

Schneider Electric PowerLogic - Model designation and serial number

Manufactured by:

Lexel Fabrika SIA
KRUSTPILS STREET 35A, RIGA, LATVIA, LV-1073

Periodical assessment

The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval is complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routines (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Periodical assessment to be performed at 2 and 3.5 year and at renewal.