



Type Approval Certificate

[Motor Starter]

Initial Approval 8 May 2026

Applicant Schneider Electric Korea Co., Ltd.
5-6F, 248 Gonghang-daero, Gangseo-gu, Seoul, 07805, Republic of Korea

Product Description Type : ATS490

* Manufacturing Place :
Wuxi Pro-face Co., Ltd.
- No. 20, Hanjiang Road, Wuxi City, Jiangsu Province, P.R. China

PT Schneider Electric Manufacturing Batam
- Batamindo Industrial Park Jl. Beringin Lot 4, Lot 208, Lot 15, 16, and 16A, Mukakuning, Batam, Kepulauan Riau, Indonesia, 29433

" See Appendix 1 "

Approval Condition " See Appendix 1 "

THIS IS TO CERTIFY that the above-mentioned product has been approved in accordance with the relevant requirement of this Society's Rules and / or of the recognized standards as follows.

Pt. 6, Ch. 1, Sec.1 & 12 of the Rules for Classification of Steel Ships.

This Certificate is valid until 7 May 2031

Issued at Busan, Korea on 26 May 2026



This certificate is signed electronically in accordance with IMO FAL.5/Circ.39/Rev.2. Validation and authentication of the certificate can be confirmed from "<http://e-cert.krs.co.kr>" by using the tracking No(ME26022509638) and certificate No.(SEL20146-AC002).



KOREAN REGISTER

General Manager of Certification of Materials & Components Team

- Note :**
1. This certificate will be valid subject to complying with the approval conditions described on the certificate and/or on the Rules of this Society.
 2. This certificate will be invalid from the expiry date aforementioned unless the extension or renewal has been granted to the applicant or the manufacturer.
 3. Any significant modifications or changes in design or construction to the above product without approval from this Society will render this certificate invalid.
 4. Should the specified rules, regulations or standards be amended during the validity of this certificate, the product is to be re-approved by this Society in accordance with the requirements as amended.

Product Description and/or Approval Condition

Date of Issue : 26 May 2026

A. Product Description

1. Product Specification

ATS490 is a semiconductor motor starter that provides three-phase control for asynchronous motors.

1) Specification

- Supply voltage : 208 ~ 690V AC
- Frequency : 50 or 60Hz
- Voltage variation : -15% ~ +10%
- Frequency variation : $\pm 20\%$

2) Type Designation ATS490 A Y

- 'A' indicates max. nominal current
D17 (17A), D22 (22A), D32 (32A), D38 (38A), D47 (47A), D62 (62A), D75 (75A),
D88 (88A), C11 (110A), C14 (140A), C17 (170A), C21 (210A), C25 (250A),
C32 (320A), C41 (410A), C48 (480A), C59 (590A), C66 (660A), C79 (790A),
M10 (1000A), M12 (1200A)
- 'Y' indicates voltage rating 208 to 690 V

2. Approved Drawings and Documents

1) ATLAS OPTIMUM ATS490 Technical descriptions

2) Manuals

- User manual PKR52680.02 dated 2025-04
- Embedded safety function manual PKR63419.01 dated 2024-10
- Getting started with altivar soft starter ATS490 PKT63410.00 dated 2024-06
- Technical construction file ST03678 Rev.04 dated 2025-10-31

3. Test Reports, etc.

1) Environmental / EMC Test Reports

- ATS490_QTR_24025_02, ATS490_QTR_23266, ATS490_QTR_23487, ATS490_QTR_24161, ATS490_QTR_24170, ATS490_QTR_24331, ATS490_QTR_24468, ATS490_QTR_24013, ATS490_QTR_24014, ATS490_QTR_24016, ATS490_QTR_24163, ATS490_QTR_24172, ATS490_QTR_24369, ATS490_QTR_24470, LE 24 00 04, LE 24 00 05, LE 24 00 07, LE 24 00 30, LE 24 00 36, LE 24 00 66, LE 24 00 93, ATS490_QTR_23279, ATS490_QTR_23378, ATS490_QTR_23380, ATS490_QTR_24162, ATS490_QTR_24171, ATS490_QTR_24368, ATS490_QTR_24368, LE 23 00 65, LE 23 00 66, LE 23 00 74, LE 24 00 28, LE 24 00 35, LE 24 00 64, LE 24 00 92, ATS490_QTR_23160, ATS490_QTR_23193, ATS490_QTR_23323, ATS490_QTR_23331, ATS490_QTR_24050, ATS490_QTR_24320, ATS490_QTR_24350, ATS490_QTR_23172, ATS490_QTR_23195, ATS490_QTR_23325, ATS490_QTR_23333, ATS490_QTR_24052, ATS490_QTR_24319, ATS490_QTR_24351, ATS490_QTR_23267, ATS490_QTR_23268, ATS490_QTR_23488, ATS490_QTR_24123, ATS490_QTR_24211, ATS490_QTR_24394, LM 23 00 45, LM 23 00 46, LM 23 00 51, LM 23 00 52, LM 24 00 30, LM 24 00 51, LM 24 00 78, C4909-V1, ATS490_QTR_23292, ATS490_QTR_23393, ATS490_QTR_23460, ATS490_QTR_24089, ATS490_QTR_24131, ATS490_QTR_24461, ATS490_QTR_23307, ATS490_QTR_23383, ATS490_QTR_23399, ATS490_QTR_24010, ATS490_QTR_24152, ATS490_QTR_24241, ATS490_QTR_24452, ATS490_QTR_23290, ATS490_QTR_23309, ATS490_QTR_23407, ATS490_QTR_23427, ATS490_QTR_24090, ATS490_QTR_24323, ATS490_QTR_24424, ATS490_QTR_23297, ATS490_QTR_23308, ATS490_QTR_23408, ATS490_QTR_23429, ATS490_QTR_24092, ATS490_QTR_24325, ATS490_QTR_24436, ATS490_QTR_23253, ATS490_QTR_23319, ATS490_QTR_23357, ATS490_QTR_24054, ATS490_QTR_24228, ATS490_QTR_24443, ATS490_QTR_23293, ATS490_QTR_23294, ATS490_QTR_23329, ATS490_QTR_23335, ATS490_QTR_23362, ATS490_QTR_23363, ATS490_QTR_23368, ATS490_QTR_23369, ATS490_QTR_24074, ATS490_QTR_24075, ATS490_QTR_24243, ATS490_QTR_24244, ATS490_QTR_24312, ATS490_QTR_24313

2) IEC 61800-5-1 Test Reports

- ATS490_QTR_23171, ATS490_QTR_23196, ATS490_QTR_23372, ATS490_QTR_23480, ATS490_QTR_24053, ATS490_QTR_24154, ATS490_QTR_24352_rev02, ATS490_CERTIF_23189_rev02, ATS490_CERTIF_23251_Rev02, ATS490_CERTIF_23405_Rev02, ATS490_CERTIF_24189, ATS490_QTR_24211, ATS490_QTR_24394

Product Description and/or Approval Condition

Date of Issue : 26 May 2026

B. Approval Condition

1. Application & Limitation

- 1) This approval is granted on the basis of the test reports and approved documentation.
- 2) Degree of protection is to be complied with Rule Pt.6 Ch.1 Sec.2 201.2. (5).
- 3) The manufacturer should inform this Society of all kinds of revisions of the equipment. If the changes are recognized to affect functionality of the approved equipment, type test to confirm the reliability of the revised equipment may be performed in the presence of our surveyor.
- 4) The product is considered a component of a system and shall be installed in accordance with the manufacturer's installation manual.

2. Individual Product Cert. and Drawing Approval Requirement

- 1) If the motor starters are installed inside a cabinet and the cabinet drives essential auxiliaries specified in KR Rule Pt. 5, Ch. 1, 102 and exceed the output 100 kW or for electric propulsion, drawing approval for individual vessel is required.
- 2) If the motor starters are installed inside a control cabinet and the cabinet drives essential auxiliaries specified in KR Rule Pt. 5, Ch. 1, 102 and exceed the output 7.5 kW, individual product certification is required.

3. Marking

- 1) The product or packing is to be marked with the manufacturer's name and type designation on a suitable position.

4. Others

- 1) Test condition

Test	Condition	Remark
EMC	All locations excluding the bridge and deck zone	-
Temperature	+5 ~ +70°C	-
Vibration	Acceleration $\pm 0.7g$	-

< End of Certificate >