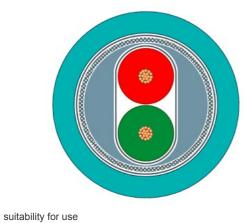
SIEMENS

Data sheet 6XV1830-3EH10

product type designation

product description



PROFIBUS FC Trailing Cable

Continuous motion control in a cable carrier

Highly flexible bus cable (2-core), sold by the meter, unassembled

PROFIBUS FC Trailing Cable, PROFIBUS trailing cable, max. Acceleration 4 m/QS min. 3 million bending cycles min. Bending radius approx. 120 mm 2-wire shielded, sold by the meter delivery unit max. 1000 m minimum order quantity 20 m

suitability for use	Continuous motion control in a cable carrier
cable designation	02YY (ST) C11Y 1x2x0,65/2,56-150 LI KF 40 FR petrol
wire length	sold by the meter
electrical data	
attenuation factor per length	
• at 9.6 kHz / maximum	0.003 dB/m
• at 38.4 kHz / maximum	0.004 dB/m
• at 4 MHz / maximum	0.025 dB/m
• at 16 MHz / maximum	0.049 dB/m
impedance	
• rated value	150 Ω
● at 9.6 kHz	270 Ω
● at 38.4 kHz	185 Ω
• at 3 MHz 20 MHz	150 Ω
relative symmetrical tolerance	
 of the characteristic impedance at 9.6 kHz 	10 %
 of the characteristic impedance at 38.4 kHz 	10 %
• of the characteristic impedance at 3 MHz 20 MHz	10 %
loop resistance per length / maximum	133 mΩ/m
shield resistance per length / maximum	14 Ω/km
capacity per length / at 1 kHz	28 pF/m
operating voltage	
RMS value	80 V
mechanical data	
number of electrical cores	2
design of the shield	Overlapped aluminum-clad foil, sheathed in a braided screen of tin-plated copper wires
type of electrical connection / FastConnect	Yes
outer diameter	
• of inner conductor	0.67 mm
 of the wire insulation 	2.56 mm
 of the inner sheath of the cable 	5.4 mm
of cable sheath	8 mm
symmetrical tolerance of the outer diameter / of cable sheath	0.4 mm
material	
 of the wire insulation 	polyethylene (PE)
 of the inner sheath of the cable 	PVC
 of cable sheath 	PUR (TPE-U)

 of the insulation of data wires of cable sheath bending radius with single bend / minimum permissible with continuous bending number of bending cycles 120 mm number of bending cycles 3000000; Drag chain suitable for 3 million bending cycles at a bending rad 120 mm (15x D), a speed of 4 m/s and an acceleration of 4 m/s² tensile load / maximum 100 N weight per length 77 kg/km ambient conditions ambient temperature during operation 40 +60 °C during storage during transport during installation -40 +60 °C during installation 		
e of cable sheath bending radius • with single bend / minimum permissible • with continuous bending 120 mm (15x D), a speed of 4 mis and an acceleration of 4 mis² tensile load / maximum 100 N weight per length 77 kg/km mibient conditions ambient temperature • during parature • during storage • during stor	color	
bending radius with single bend / ininimum permissible with concinuous bending number of bending cycles 2000000: Drag chain suitable for 3 million bending cycles at a bending rad 120 mm (15x D), a speed of 4 m/s and an acceleration of 4 m/s** tensile load / maximum 100 N weight per length 77 kg/km ambient conditions ambient temperature «during peration «during storage «during transport «during installation «note »old — 40 — 460 °C «during installation «note »old — 40 — 460 °C «during installation «note »old — 60 °C «during installation «note »old — 60 °C «during installation «note »old — 60 °C «during installation »old — 60 °C		
with single bend / minimum permissible with continuous bending number of bending cycles 3000000. Drag chain suitable for 3 million bending cycles at a bending rand to be noting cycles 3000000. Drag chain suitable for 3 million bending cycles at a bending rand to N weight per length 77 kg/km ###################################		petrol
number of bending cycles 30000000, Drag chain suitable for 3 million bending cycles at a bending rad 120 mm (15x I), a speed of 4 m/s and an acceleration of 4 m/s* 120 mm (15x I), a speed of 4 m/s and an acceleration of 6 m/s* 120 mm (15x I), a speed of 4 m/s and an acceleration of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a speed of 6 m/s* 120 mm (15x I), a s		
number of bending cycles 3 3000000. Drag chain suitable for 3 million bending cycles at a bending rad 120 mm (15x D), a speed of 4 m/s and an acceleration of 4 m/s² tensile load / maximum 100 N 77 kg/km 3000000. Trag mm (15x D), a speed of 4 m/s and an acceleration of 4 m/s² tensile load / maximum 300 N 78 kg/km 3000000. Trag cycles at a bending rad 120 mm (15x D), a speed of 4 m/s and an acceleration of 4 m/s² tensile load / maximum (15x D), a speed of 4 m/s and an acceleration of 4 m/s² tensile load / maximum (15x D), a speed of 4 m/s and an acceleration of 4 m/s² tensile load / m/s² tensile	·	
tensile load / maximum 100 N Very tensile load / maximum 100 N N N N N N N N N N N N N N N N N N		
weight per length unblent conditions ambient temperature during operation during storage during gransport during installation ender ender during installation ender ender during installation ender during installation ender ender ender ambient condition / for operation fire behavior dass of huming behaviour / according to EN 13501-6 dess of huming behaviour / according to EN 13501-7 dess of huming behaviour / according to EN 13501-7 dess of huming behaviour / according to EN 13501-7 dess of huming behaviour / according to EN 13501-7 dess of huming behaviour / acc	number of bending cycles	3000000; Drag chain suitable for 3 million bending cycles at a bending radius of 120 mm (15x D), a speed of 4 m/s and an acceleration of 4 m/s ²
ambient temperature • during operation • during storage • during storage • during transport • during installation • note Electrical properties measured at 20 °C, tests according to DIN 47250 part respectively IDN VDE 0472 ambient condition / for operation fire behavior class of burning behaviour / according to EN 13501-6 Chemical resistance • to mineral oil • to grease • lo water radiological resistance / to UV radiation resistant product features • halogen-free • alicon-free • alic	tensile load / maximum	100 N
ambient temperature	weight per length	77 kg/km
e during operation e during storage e during irransport during installation e note e during installation e note e lectrical properties measured at 20 °C, tests according to DIN 47250 part respectively DIN VDE 0472 ambient condition / for operation fire behavior class of burning behaviour / according to EN 13501-6 chemical resistance e to mineral oil to grease e to water radiological resistance / to UV radiation product features, product functions, product components / general product feature e halogen-free silicon-free standards, specifications, approvals ULETL Isting / 300 V Rating ULETL Isting / 300 V Rating Ves; cVULius / CMX ULETL Istyle / 600 V Rating Ves; cVUL WAWIN IA/B 80°C 600V FT2 certificate of suitability e EAC approval e CE marking e ROHS conformity Marine classification association e American Bureau of Shipping Europe Ltd. (ABS) e French marine classification society (BV) No e Univoxe Verlas (CML) e Certificate of Shipping (LRS) e Nippon Kaiji Kyokai (NK) e Polski Rejestr Starkow (PRS) reference code e according to IEC 81346-2 e according to IEC 81346-2 e according to IEC 81348-2-2019 Univoxed Standards (Lass) https://www.siemens.com/cs/ww/en/view/109766338 https://www.siemens.com/haldud https://www.s	ambient conditions	
during storage during transport during installation enote	ambient temperature	
• during transport • during installation • note • during installation • note • note • flectrical properties measured at 20 °C, tests according to DIN 47250 part respectively DIN VDE 0472 ambient condition / for operation It limited segment length (see manual for PROFIBUS networks) fire behavior class of burning behaviour / according to EN 13501-8 chemical resistance • to mineral oil • to grease • to water radiological resistance / to UV radiation product feature • halogen-free • halogen-free • halogen-free • salicon-free • salicon-free **Specifications, approvals** ULI-ETT, Ising / 300 V Rating ULI-ETT, Ising / 300 V Rating • CE marking • Pands conformity Marine classification association • American Burseu of Shipping Lurope Ltd. (ABS) • Fench marine classification society (BV) • Det Norske Veritas (DNV) • Cermanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • No • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • No • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • No • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • No • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • No • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • No • Polskit Rejestr Statikow (PRS) reference code • according to IEC 81346-2 • to website: Selection aid T1A Selection Tool • to website: Se	during operation	-40 +60 °C
oturing installation note	during storage	-40 +60 °C
enote Electrical properties measured at 20 °C, tests according to DIN 47250 part respectively DIN VDE 0472 ambient condition / for operation Imited segment length (see manual for PROFIBUS networks) fire behavior class of burning behaviour / according to EN 13501-6 Eca chemical resistance • to mineral oil • to grease • to water radiological resistance / to UV radiation radiological resistance / to UV radiation product feature • halogen-free • halogen-free • halogen-free • halogen-free • ballocut studies ULETL listing / 300 V Rating ULETL sylve / 600 V Rating ULETL sylve / 600 V Rating Ves: c(UL)us / CMX ULETL sylve / 600 V Rating Ves: c(UL)us / CMX ULETL sylve / 600 V Rating Ves: cRU AWMI IA/B 80°C 600V FT2 certificate of submithity • EAC approval • CE marking • RoHS contomity American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Per Norske Veritas (DNV) • Det Norske Veritas (DNV) • Det Norske Veritas (DNV) • Det Norske Veritas (DNV) • No • Dolsk Rejester of Shipping (LRS) • No reference code • according to IEC 80811-2-1 (7x24h/90°C) further information / internet link • to web page: SiePortal • to website: Selection guide for cables and connectors • to web page: SiePortal • to website: Industry Online Support Interviewa. automation seems com/biddio Interviewa. Bid Proviewa. Bid Provi	during transport	-40 +60 °C
e note	during installation	-40 +60 °C
ambient condition / for operation fire behavior class of burning behaviour / according to EN 13501-6 chemical resistance • to mineral oil • to grease • to water radiological resistance / to UV radiation product feature, product functions, product components / general product feature, product functions, product components / general product feature, product functions, product components / general product feature, a halogen-free • halogen-free • halogen-free • No • silicon-free • No • Security - Security - Security • Security - Security - Security • Security - Security - Security - Security - Security • Security -	-	Electrical properties measured at 20 °C, tests according to DIN 47250 part 4
fire behavior class of burning behavlour / according to EN 13501-6 class of burning behavlour / according to EN 13501-6 enemical resistance • to mineral oil • to grease • to water radiological resistance / to UV radiation resistant conditional resistance • to water radiological resistance / to UV radiation resistant product features, product functions, product components / general product feature • halogen-free • silicon-free • silicon-free • Silicon-free • Sullicon-free •	ambient condition / for operation	·
class of burning behaviour / according to EN 13501-6 chemical resistance • to mineral oil • to grease • to water radiological resistance / to UV radiation resistant conditional resistance radiological resistance / to UV radiation resistant conditional resistance resistant conditional resistance resistant conditional resistance resistant conditional resistance resistant resistant conditional resistance resistant resistant conditional resistance resistant resistant conditional resistance resistant resistant conditio	·	j j j
chemical resistance • to mineral oil • to grease • to water radiological resistance / to UV radiation product features • halogen-free • halogen-free • silicon-free * silicon-free * sull-ETL listing / 300 V Rating UL/ETL style / 600 V Rating UL/ETL style / 600 V Rating Ves; cRU AWM I A/B 80°C 600V FT2 certificate of suitability • EAC approval • CE marking • RoHS conformity • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • De t Norske Veritas (DNV) • De t Norske Veritas (DNV) • Polski Register of Shipping (LRS) • Polski Rejestr Statkov (PRS) • Polski Rejestr Statkov (PRS) reference code • according to IEC 81346-2 • according to IEC 81346-2-2019 further information / intornet links internet link • to website: Selection guide for cables and connectors • to web page: SiePortal • to website: CAx-Download-Manager • to website: CAx-Download-Manager • to website: Industry Online Support https://support.industry.siemens.com/		-
to mineral oil to grease to to grease to to water radiological resistance / to UV radiation resistant product features, product functions, product components / general product feature halogen-free halogen-free halogen-free silicon-free Yes standards, specifications, approvals UU-ETL listing / 300 V Rating Ves; c(UL)us / CMX UU-ETL style / 600 V Rating Ves; cRU AWM I AVB 80°C 600V FT2 certificate of suitability EAC approval CE marking Rolds Conformity Yes Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Or Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Polski Rejestr Statkow (PRS) No reference code according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: SiePortal to website: Industry Online Support https://www.siemens.com/bildib https://support.industry.siemens.com/ https://www.siemens.com/bildib https://support.industry.siemens.com/ https://www.siemens.com/bildib		Lua
• to grease • to water • halogen-free • halogen-free • halogen-free • halogen-free • halogen-free • silicon-free • silicon-free • Yes standards, specifications, approvate UL/ETL listing / 300 V Rating UL/ETL listing / 300 V Rating Yes; c(UL)us / CMX UL/ETL style / 600 V Rating Yes; cRU AWM I A/B 80°C 600V FT2 certificate of suitability • EAC approval • CE marking • RoHS conformity Warine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Det Norske Veritas (DNV) • Oet Norske Veritas (DNV) • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 WGB further information / internet links internet link • to website: Selection guide for cables and connectors • to web page: selection guide for cables and connectors • to web page: SiePortal • to website: CAx-Download-Manager • to website: CAx-Download-Manager • to website: Industry Online Support https://support.industry.siemens.com/		oil recistant according to IEC 60944 2 4 /7v2/h/00°C\
to water radiological resistance / to UV radiation resistant radiological resistance / to UV radiation resistant resistant resistant resistant resistant resistant res		· · · · · · · · · · · · · · · · · · ·
radiological resistance / to UV radiation resistant product features, product functions, product components / general product feature • halogen-free • halogen-free • silicon-free • yes standards, specifications, approvals UL/ETL listing / 300 V Rating UL/ETL listing / 300 V Rating Ves; c(UL)us / CMX Yes; cRU AWM I A/B 80°C 600V FT2 certificate of suitability • EAC approval • CE marking • RoHS conformity Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Det Norske Veritas (DNV) • Det Norske Veritas (DNV) • Oermanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • No • Polski Rejestr Statkow (PRS) reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 further information / internet links internet link • to website: Selection guide for cables and connectors • to web page: selection id TIA Selection Tool • to website: Image database • to website: Image database • to website: Industry Online Support https://www.stemens.com/loiddb	-	
product features, product functions, product components / general product feature		
product feature		
 halogen-free silicon-free yes standards, specifications, approvals UL/ETL listing / 300 V Rating Yes; c(UL)us / CMX UL/ETL style / 600 V Rating Yes; cRU AWM I A/B 80°C 600V FT2 certificate of suitability EAC approval Yes CE marking RoHS conformity Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) No Det Norske Veritas (DNV) Germanische Lloyd (GL) No Lloyds Register of Shipping (LRS) No Polski Rejestr Statkow (PRS) No reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / Internet links internet link to website: Selection guide for cables and connectors to web page: Selection aid TIA Selection Tool to web page: Selection aid TIA Selection Tool thus //www.slemens.com/cs/www/en/view/109766358 https://www.slemens.com/biddb https://www.slemens.com/biddb https://www.slemens.com/cax https://support.industry.slemens.com/ 		erai I
• silicon-free Yes standards, specifications, approvals UL/ETL listing / 300 V Rating Yes; c(UL)us / CMX UL/ETL style / 600 V Rating Yes; cRU AWM I A/B 80°C 600V FT2 certificate of suitability • EAC approval Yes • CE marking Yes • RoHS conformity Yes Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) No • French marine classification society (BV) No • Det Norske Veritas (DNV) No • Germanische Lloyd (GL) No • Lloyds Register of Shipping (LRS) No • Nippon Kalji Kyokal (NK) No • Polski Rejestr Statkow (PRS) No reference code • according to IEC 81346-2 • according to IEC 81346-2 • according to IEC 81346-2: WG further information / Internet links internet link • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industry Online Support • to website: Industry Online Support • https://www.siemens.com/csx • to website: Industry Online Support • https://www.siemens.com/cax • https://www.siemens.com/cax • https://www.siemens.com/cax • https://www.siemens.com/cax • https://www.siemens.com/cax	•	N.
Standards, specifications, approvals UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating Yes; cRU AWM I A/B 80°C 600V FT2 certificate of suitability EAC approval CE marking RoHS conformity Yes RoHS conformity Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: Inage database to website: Industry Online Support https://www.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax	-	
UL/ETL listing / 300 V Rating UL/ETL style / 600 V Rating Yes; cRU AWM I A/B 80°C 600V FT2 certificate of suitability EAC approval CE marking RoHS conformity Yes RoHS conformity Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: Image database to website: Inage database to website: Industry Online Support https://www.siemens.com/cax		Yes
UL/ETL style / 600 V Rating certificate of suitability EAC approval RoHS conformity Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No No No Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2 according to IEC 81346-2:2019 MGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: SiePortal to website: Image database to website: Image database to website: Industry Online Support https://www.siemens.com/cax		V (III) (ONV
certificate of suitability EAC approval CE marking RoHS conformity Yes Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) No reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: Selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: Image database to website: Industry Online Support https://swww.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/bilddb https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax		
EAC approval CE marking RoHS conformity Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: Image database to website: Industry Online Support https://www.siemens.com/cax	·	Yes; CRU AWM LA/B 80°C 600V F12
CE marking RoHS conformity Yes Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No No No No No Polski Rejestr Statkow (PRS) No reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: siePortal to website: Image database to website: Image database to website: Industry Online Support https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/liddb https://www.automation.siemens.com/liddb https://www.siemens.com/cax	•	V
RoHS conformity Marine classification association American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2 according to IEC 81346-2:2019 WG further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: Image database to website: CAx-Download-Manager to website: Industry Online Support thtps://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax		
Marine classification association • American Bureau of Shipping Europe Ltd. (ABS) • French marine classification society (BV) • Det Norske Veritas (DNV) • Germanische Lloyd (GL) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (NK) • Polski Rejestr Statkow (PRS) reference code • according to IEC 81346-2 • according to IEC 81346-2:2019 wGB further information / internet links internet link • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: SiePortal • to website: Image database • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support https://support.industry.siemens.com/cax https://www.siemens.com/cax	9	
American Bureau of Shipping Europe Ltd. (ABS) French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://swww.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://swww.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax		Yes
French marine classification society (BV) Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No No No Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://www.siemens.com/cax		N.
Det Norske Veritas (DNV) Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support thtps://swww.siemens.com/cax thtps://swww.siemens.com/cax thtps://swww.siemens.com/cax thtps://swww.siemens.com/cax thtps://swww.siemens.com/cax thtps://swww.siemens.com/cax thtps://support.industry.siemens.com/cax thtps://support.industry.siemens.com/cax thtps://support.industry.siemens.com/cax thtps://support.industry.siemens.com/cax thtps://support.industry.siemens.com/cax thtps://support.industry.siemens.com/cax thtps://support.industry.siemens.com/cax		
Germanische Lloyd (GL) Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) No reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://support.industry.siemens.com/cax https://swww.automation.siemens.com/bilddb https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://support.industry.siemens.com/cax https://www.siemens.com/cax https://support.industry.siemens.com/cax		
Lloyds Register of Shipping (LRS) No Nippon Kaiji Kyokai (NK) Polski Rejestr Statkow (PRS) reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax https://www.siemens.com/cax	, ,	
No No Polski Rejestr Statkow (PRS) No reference code according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://support.industry.siemens.com/cax https://www.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax		
Polski Rejestr Statkow (PRS) reference code	, , ,	
reference code		
according to IEC 81346-2 according to IEC 81346-2:2019 WGB further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: Image database to website: CAx-Download-Manager to website: Industry Online Support wGB WGB WGB https://support.industry.siemens.com/cs/ww/en/view/109766358 https://support.industry.siemens.com//stcloud https://supportal.siemens.com// https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com/cax https://support.industry.siemens.com/cax		No
according to IEC 81346-2:2019 further information / internet links internet link to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://www.siemens.com/cax https://www.siemens.com/cax https://www.siemens.com/cax https://support.industry.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com/cax		
internet link • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support	9	
internet link • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support • to website: Industry Online Support • to website: Industry Online Support • to website: Selection guide for cables and connectors • https://support.industry.siemens.com/cs/ww/en/view/109766358 • https://support.industry.siemens.com/ • https://support.industry.siemens.com/bilddb • https://support.industry.siemens.com/cax • https://support.industry.siemens.com/		WGB
 to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com 		
 to web page: selection aid TIA Selection Tool to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://www.siemens.com/siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com 		
 to web page: SiePortal to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com 	to website: Selection guide for cables and connectors	
 to website: Image database to website: CAx-Download-Manager to website: Industry Online Support https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com 	to web page: selection aid TIA Selection Tool	
 to website: CAx-Download-Manager to website: Industry Online Support https://www.siemens.com/cax https://support.industry.siemens.com 	to web page: SiePortal	
• to website: Industry Online Support https://support.industry.siemens.com	to website: Image database	https://www.automation.siemens.com/bilddb
, , , , , , , , , , , , , , , , , , , ,	to website: CAx-Download-Manager	https://www.siemens.com/cax
security information	to website: Industry Online Support	https://support.industry.siemens.com
	security information	
that support the secure operation of plants, systems, machines and networn In order to protect plants, systems, machines and networks against cyber	security information	threats, it is necessary to implement – and continuously maintain – a holistic,

solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval

Manufacturer Declaration





Declaration of Conformity





Environment

Confirmation

last modified: 8/8/2024 🖸