

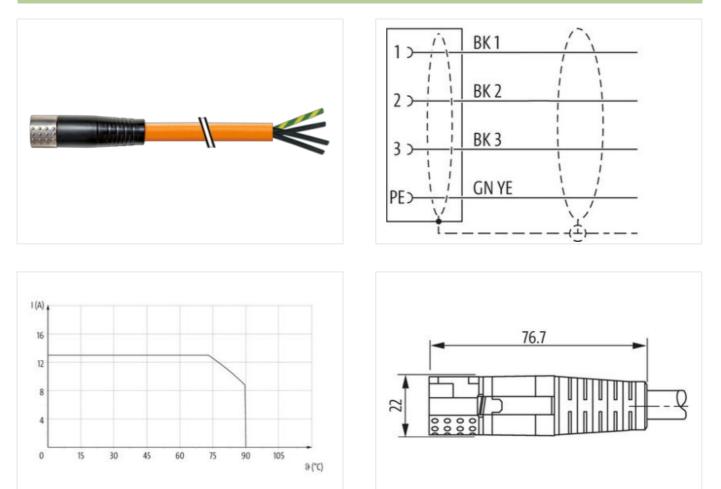
MQ15 female 0° with cable shielded 600V AC type 3

PUR 4x1.5 or UL/CSA+drag ch. 5m

Female straight MQ15, 4-pole shielded without cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product

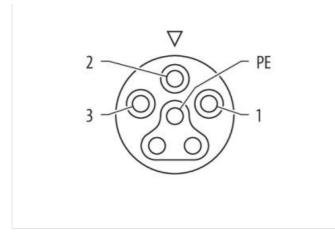
Illustration



The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk





Product may differ from Image



Side 1		
Nounting method	inserted, screwed	
Coating contact	silver-plated	
amily construction form	MQ15	
Naterial contact	Copper alloy	
lo. of poles	4	
Side 2		
Stripping length (jacket)	30 mm	
Commercial data		
ECLASS-6.0	27279221	
ECLASS-6.1	27279218	
ECLASS-7.0	27279218	
ECLASS-8.0	27279218	
ECLASS-9.0	27060327	
CLASS-10.1	27060311	
CLASS-11.1	27060311	
ECLASS-12.0	27060327	
TIM-5.0	EC001576	
ustoms tariff number	85444290	
ATIN	4048879701532	
Packaging unit	1	
Electrical data Supply		
Operating voltage AC max.	600 V	
Current operating per contact max.	13 A	
Diagnostics		
Status indication LED	no	
Installation Connection		
Stripping length (jacket)	30 mm	
flating cycles min.	500	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk



Additional protection degree inserted, screwed Palulan Degree 3 Rate surge volge 4 kV Mechanical data [Material data] I Mechanical data [Material data] Mechanical data [Material data] Combustibility data for housing Pastic Material nousing Pastic Material nousing Pastic Constantity diversity data Mechanical data [Mouting data] Locking techniques bayonet locking Environmental characteristics [Climatic Degreeding on cable quality Depresing represature max. 80 °C Depresing represature max. 80 °C Depresing (comerge) 80 % Scale identification P12 Data identification P12	Configuration	fully used	
Additional condition protection degree inserted, screwed Pointion Degree 3 Additional condition protection degree is Additional condition protection degree PA Mechanical data Mounting data is Environmental characteristics Climatic Degree ding on cable quality Deparating imperature min. -25 ° C Operating imperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable range Data condition temperature range depending on cable quality Data characteristics Climatic Simatic Data characteristics Climatic Simatic Data characteristics Climatic Simatic Data characteristics Climatic Simatic Data characte	Device protection Electrical		
Polution Degree 3 Rated surge voltage 4 kV Material group (PCC 60664-1) 1 Machanical data Material data Combustibility class housing (UL94) HB Material roup (PCC 60664-1) PA Machanical data [Mounting data Looking techniques bayonet-looking Environmental characteristics [Climatic Deparating temperature min. 25 °C Operating temperature max. 80 °C Additonal condition tomperature max. 80 °C Zable definition in Capsel Deparating temperature max. 80 °C Zable definition in Capsel copper braiding, bare Zable definition in generature max. 80 °C Zable shielding (cype) copper braiding, bare Zable shielding (cype) copper braiding, bare Zable shielding (cype) copper braiding, bare Zable shielding (cypeany) 80 °C Adversite and the shield structure is a structure i	Degree of protection (EN IEC 60529)	IP67	
Bated surge voltage 4 kV Material group (IEC 80664-1) 1 Mechanical (dia) [Aberial data] Combustibility (class housing (U-9) Material contact carrier PA Mechanical (dia) [Monting data Environmental characteristics (Climatic Environmental characteristics (Climatic Environmental characteristics (Climatic Dyperating temperature max. 80 °C Operating temperature max. 80 °C Date influence Comport on cable quality Installation (Cable Environmental characteristics (Climatic Date influence Comport braiding, bare Cable influence Comport braiding, bare Cable influence Comport braiding, bare Cable influence (glock0) 80 % Cable influence (glock0) 80 % Cable influence (glock0) 8 mm Tolerance outer diameter (sheath) 1 5 % Valuer diameter (glock0) 8 m Tolerance outer diameter (sheath) 1 5 % Valuer diameter (sheath) 1 5 % Valuer diameter (glock0) 8 m Tordictor crossection (wire) 1,5 mm² </td <td>Additional condition protection degree</td> <td>inserted, screwed</td>	Additional condition protection degree	inserted, screwed	
Material group (EC 60664-1) I Mechanical data [Material data Jondustibility class housing (UL-94) H8 Material contant carrier PA Material contant carrier PA Mechanical data [Mounting data Jondustibility class housing (UL-94) Material contant carrier PA Mechanical data [Mounting data Jondustibility class housing (UL-94) Solvon=1-coking techniques Solvonting techniques Bayonet-tocking techniques Solvon=1-coking techniques Dyperating temperature max. 80 °C Comparising temperature max. 80 °C Validional condition temperature range depending on cable quality Comparising temperature max. 80 °C Lable definition IC able T Comparising temperature max. 80 °C Lable definition IC able T Comparising temperature max. 80 °C Lable shielding (coverago) 80 °C Comparising temperature max. 80 °C Lable definition IC able Comparising temperature (shared) 57. Comparising temperature (shared) 80 °C Lable definition IC able Solve T Solve T Solve T Comparising temperature (shared)	Pollution Degree	3	
Mechanical data Material data Combusibility class housing (UL94) HB Material notising Plastic Mechanical data Mounting data PA Mechanical data Mounting data bayonet-locking Environmental characteristics Climatic 25 °C Operating temperature mix. 80 °C Operating temperature max. 80 °C Cable identification P12 Data lead in (Coverage) 80 % Scable identification P12 Cable identification P12 Cable identification 98 % View arrangement Biack 1, black 2, black 3, green-yellow Cable identification 98 % View arrangement Biack 1, black 2, black 3, green-yellow Cable weight 128,7 gm Conductor cossescelon (wire) 15 % View insulation TPE Normital voltage (wire) 4 KV Operating temperature mix, Gymanic) 80 °C Conductor cossescelon (wire) 4 NV Operating temperature mix, Gymanic) 80 °C Conductor cossescelon (wire)	Rated surge voltage	4 kV	
Combustibility class housing (UL94)HBMaterial contact carrierPlasticMechanical dital flowning dataMechanical dital flowning dataMechanical dital flowning dataEnvironmental characteristics ClimaticEnvironmental characteristics ClimaticSperaling temperature min25 °COperating temperature max.80 °CAdditional condition temperature may.80 °CAdditional condition temperature may.80 °CSaleki ColororangeCale shielding (coverage)80 °CCale weigh128.7 g/mCale weigh128.7 g/mCale weigh128.7 g/mCale weigh15 °S °SAffraue weight4 °CConductor ressescion (wire)4 °LConductor wireStranded copper wire, bareConductor wire15 °S °SCaned weight weightsch (wire) wire)4 °LConductor wire100 °CConductor wire100 °CCale shielding (wire) wire)4 °LConductor wire60 °CCale shielding (wire) wire)4 °LConductor wire60 °CCale shi	Material group (IEC 60664-1)		
Material housing Plasic Material contact carrier PA Mechanical data Mounting data Bayonet-locking Coxing techniques Bayonet-locking Socking techniques Bayonet-locking Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Instaliation Cable	Mechanical data Material data		
Valuerial contact carrier PA Mechanical data Mounting data	Combustibility class housing (UL94)	НВ	
Mechanical data Mounting data .coking techniques bayonet-locking Environmental characteristics Climatic -25 °C Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable	Material housing	Plastic	
bayonet-locking bayonet-locking Environmental characteristics Climatic 25 °C Operating temperature min. 25 °C Operating temperature max. 60 °C Additional condition temperature range depending on cable quality Installation Cable 72 Cable identification P12 Cable identification P12 Cable is hielding (type) copper braiding, bare Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128,7 g/m Outer diameter (jacket1) 8 mm Tolerance outer diameter (jacket1) \$ 5 % Material wire insulation TPE Mount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Norminal voltage (wire - wire) 4 kV Operating temperature (istalt) 40 °C Addition doutege (wire - wire) 4 kV Operating temperature (istalt) 40 °C <td>Material contact carrier</td> <td>PA</td>	Material contact carrier	PA	
Environmental characteristics Climatic Operating temperature min. -25 ° C Operating temperature max. 80 ° C Additional condition temperature range depending on cable quality Installation Cable	Mechanical data Mounting data		
Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Installation Cable Zable identification P12 Jacket Color orange Zable shelding (type) copper braiding, bare Zable shelding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Zable weigth 128,7 g/m Outer-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Material wrie insulation TPE Amount wries 4 Onductor crossection (wire) 1,5 mm² Vaterial diameter (jacket) 4 kV Power frequency withstand voltage (wire - wire) 4 kV Querification vire Stranded copper wire, bare Nominal voltage AC max. 1000 V Querification vire 4 kV Operating temperature (statch) 40 °C Operating temperature (statch) 40 °C Operating temperature (statch) 40 °C	Looking techniques	bayonet-locking	
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Dable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128, 7 g/m Outer diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Additional vire issultation TPE Amount wires 4 Conductor crossection (wire) 1,5 mm² Variand voltage (wire - wire) 4 kV Oregregenery withstand voltage (wire - acket) 4 kV Oregregenery withstand voltage (wire - acket) 4 kV Operating temperature (static) 40 °C Operating temperature (static) 40 °C Advaction voltage (wire - wire) 4 kV Operating temperature (static) 40 °C Variand voltage (wire - davel) 60 °C Operating temperature (stoperature (st	Environmental characteristics Climatic		
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Dable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128, 7 g/m Outer diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 % Additional vire issultation TPE Amount wires 4 Conductor crossection (wire) 1,5 mm² Variand voltage (wire - wire) 4 kV Oregregenery withstand voltage (wire - acket) 4 kV Oregregenery withstand voltage (wire - acket) 4 kV Operating temperature (static) 40 °C Operating temperature (static) 40 °C Advaction voltage (wire - wire) 4 kV Operating temperature (static) 40 °C Variand voltage (wire - davel) 60 °C Operating temperature (stoperature (st		-25 °C	
Additional condition temperature range depending on cable quality Installation Cable Cable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 %. wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128,7 g/m Duter-diameter (jacket) 8 mm Tolerance outer diameter (sheath) ± 5 %. Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm ^a Nominal voltage (wire - wire) 4 kV Over frequency withstand voltage (wire - wire) 4 kV Operating temperature (static) -40 °C Pareting temperature (min. (dynamic) 60 °C Cater resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Chemical resistance Good, application-related testing Casoline resistance Good, application-re			
Installation Cable Cable identification P12 Lacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128,7 g/m Cable meigth 128,7 g/m Cable relight 8 mm Folerance outer diameter (acket) 8 mm Folerance outer diameter (acket) 8 mm Adterial wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm ² Adterial outlage (wire - wire) 4 kV Conductor wire Stranded copper wire, bare Nominal voltage (wire - wire) 4 kV Ower frequency withstand voltage (wire - wire) 4 kV Adw. operating temperature (fixed) 80 °C Opperating temperature max. (dynamic) 60 °C Teame resistance G		depending on cable quality	
Cable identification P12 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 80 % Cable shielding (coverage) 80 % Sable weigth 128.7 g/m Cable weigth 128.7 g/m Cuter diameter (jacket) 8 mm Coler ance outer diameter (sheath) ± 5 % Vaterial wire insulation TPE Amount wires 4 Conductor cossesction (wire) 1.5 mm² Vaterial conductor wire Stranded copper wire, bare Nominal voltage AC max. 1000 V AC withstand voltage (wire - wire) 4 kV Power frequency withstand voltage (wire - acket) 4 kV Operating temperature (static) -40 °C Vax. operating temperature (static) -40 °C Vax. operating temperature (static) -20 °C Opperating temperature max. (dynamic) 60 °C			
Jacket ColororangeCable shielding (type)copper braiding, bareCable shielding (coverage)80 %Wire arrangementblack 1, black 2, black 3, green-yellowCable weigth128,7 g/mCuber-diameter (jacket)8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crossection (wire)1,5 mm²Material outge AC max.1000 VAC withstand voltage (wire - wire)4 kVPower fuguency withstand voltage (wire - acket)40 °CAgerating temperature (static)-40 °CVasc parating temperature (static)-40 °COperating temperature (static)-20 °COperating temperature (static)-20 °COperating temperature (static)-20 °COperating temperature (static)60 °CTare resistanceGood, application-related testingCasoline resistanceGood, application-related testingCalout resistanc		P12	
Cable shielding (type)copper braiding, bareCable shielding (coverage)80 %wire arrangementblack 1, black 2, black 3, green-yellowCable weigth128,7 g/mDuter-diameter (jacket)8 mmTolerance outer diameter (sheath)± 5 %Vaterial wire insulationTPEAmount wires4Conductor crosssection (wire)1,5 mm²Adterial conductor wireStranded copper wire, bareVominal voltage AC max.1000 VAC withstand voltage (wire - wire)4 kVPower frequency withstand voltage (wire - acket)40 °CValue reperating temperature (static)-40 °COperating temperature (static)-40 °COperating temperature (static)-20 °COperating temperature (static)60 °CParating temperature (static)60 °CFlame resistanceGood, application-related testingCasolin resistanceGood, application-	Jacket Color		
Cable shielding (coverage) 80 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 128,7 g/m Duter-diameter (jacket) 8 mm Folerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 1000 V AC withstand voltage (wire - wire) 4 kV >Ower frequency withstand voltage (wire - acket) 40 °C Acket) 40 °C Deparating temperature (inked) 80 °C Deparating temperature (inked) 60 °C <td></td> <td></td>			
wire arrangementblack 1, black 2, black 3, green-yellowCable weigth128,7 g/mDuter-diameter (jacket)8 mmFolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crosssection (wire)1.5 mm²Material conductor wireStranded copper wire, bareNominal voltage AC max.1000 VAC withstand voltage (wire - wire)4 kVPower frequency withstand voltage (wire - acket)4 kVOperating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature min. (dynamic)60 °CFame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, app			
Cable weigth128,7 g/mDuter-diameter (jacket)8 mmFolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareNominal voltage AC max.1000 VAC withstand voltage (wire - wire)4 kV>ower frequency withstand voltage (wire - acket)4 kVQuertating temperature (static)40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °CChemical resistanceGood, application-related testingCasoline resistanceGood, application-related testingDil resistanceGood, appli		black 1, black 2, black 3, green-yellow	
Duter-diameter (jacket)8 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareNominal voltage AC max.1000 VAC withstand voltage (wire - wire)4 kVPower frequency withstand voltage (wire - acket)4kVVin operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature min. (dynamic)-20 °CStantoeGood, application-related testingSasoline resistanceGood, application-related testingDil resistanceGood, application-related testingDil resistanceGood, application-related testing IDIN EN 60811-404Bending radius (fixed)10 x Outer diameterTravel speed (C-track)5 Mio.	Cable weigth		
Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 1,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage AC max. 1000 V AC withstand voltage (wire - wire) 4 kV Power frequency withstand voltage (wire - acket) 4 kV Power frequency withstand voltage (wire - acket) 4 kV Power frequency withstand voltage (wire - acket) 4 kV Qover frequency withstand voltage (wire - acket) 60 °C Deperating temperature (fixed) 80 °C Operating temperature (min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Plame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance <	Outer-diameter (jacket)	8 mm	
Amount wires4Conductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareNominal voltage AC max.1000 VAC withstand voltage (wire - wire)4 kVPower frequency withstand voltage (wire - acket)4 kVPower frequency withstand voltage (wire - acket)40 °CMax. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)60 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingDil resistanceSo od, application-related testingBen	Tolerance outer diameter (sheath)	±5%	
Conductor crosssection (wire)1,5 mm²Material conductor wireStranded copper wire, bareNominal voltage AC max.1000 VAC withstand voltage (wire - wire)4 kVPower frequency withstand voltage (wire - acket)4 kVPower frequency withstand voltage (wire - acket)24 °CMax. operating temperature (fixed)80 °CDerating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)60 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingDil resistanceGood, application-related testingDil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)10 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio.	Material wire insulation	TPE	
Material conductor wireStranded copper wire, bareNominal voltage AC max.1000 VAC withstand voltage (wire - wire)4 kVPower frequency withstand voltage (wire - acket)4 kVVin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)-20 °COperating temperature max. (dynamic)60 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2Chemical resistanceGood, application-related testingClasoline resistanceGood, application-related testingDil resistanceGood, application-related testingDil resistance10 × Outer diameterBending radius (fixed)10 × Outer diameterSending radius (dynamic)10 × Outer diameterTravel speed (C-track)5 Mio.	Amount wires	4	
Nominal voltage AC max.1000 VAC withstand voltage (wire - wire)4 kVPower frequency withstand voltage (wire - acket)4 kVVin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)60 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2Chemical resistanceGood, application-related testingCil resistanceGood, application-related testingDil resistanceSo (Duter diameterBending radius (fixed)10 x Outer diameterSending radius (dynamic)5 Mio.	Conductor crosssection (wire)	1,5 mm ²	
AC withstand voltage (wire - wire) 4 kV Power frequency withstand voltage (wire - acket) 4 kV Win. operating temperature (static) -40 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio.	Material conductor wire	Stranded copper wire, bare	
Power frequency withstand voltage (wire - acket)4 kVMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)60 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingDil resistanceSo Outer diameterBending radius (fixed)10 x Outer diameterTravel speed (C-track)5 Mio.	Nominal voltage AC max.	1000 V	
acket)4 kVMin. operating temperature (static)-40 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)60 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingDil resistanceGood, application-related testingDil resistanceGood, application-related testingDil resistanceGood, application-related testingDil resistanceI0 x Outer diameterBending radius (fixed)10 x Outer diameterTravel speed (C-track)5 Mio.	AC withstand voltage (wire - wire)	4 kV	
Max. operating temperature (fixed)80 °COperating temperature min. (dynamic)-20 °COperating temperature max. (dynamic)60 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2Chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingDil s Outer diameter10 x Outer diameterBending radius (dynamic)10 x Outer diameterTravel speed (C-track)5 Mio.	Power frequency withstand voltage (wire - jacket)	4 kV	
Operating temperature min. (dynamic) -20 °C Operating temperature max. (dynamic) 60 °C Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio.	Min. operating temperature (static)	-40 °C	
Operating temperature max. (dynamic)60 °CFlame resistanceUL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingDil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)10 × Outer diameterBending radius (dynamic)10 × Outer diameterTravel speed (C-track)5 Mio.	Max. operating temperature (fixed)	80 °C	
Flame resistance UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio.	Operating temperature min. (dynamic)	-20 °C	
Chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio.	Operating temperature max. (dynamic)	60 °C	
Gasoline resistance Good, application-related testing Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio.	Flame resistance	UL 1581 § 1100 FT2 UL 1581 § 1090 IEC 60332-2-2	
Dil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio.	chemical resistance	Good, application-related testing	
Bending radius (fixed) 10 x Outer diameter Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio.	Gasoline resistance	Good, application-related testing	
Bending radius (dynamic) 10 x Outer diameter Travel speed (C-track) 5 Mio.	Oil resistance	Good, application-related testing DIN EN 60811-404	
Travel speed (C-track) 5 Mio.	Bending radius (fixed)	10 x Outer diameter	
	Bending radius (dynamic)	10 x Outer diameter	
Forsion stress ± 15 °/m	Travel speed (C-track)	5 Mio.	
	Torsion stress	± 15 °/m	

The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-05-06

Murrelektronik Ltd. | 5 Albion Street, Pendlebury Industrial Estate, Swinton | Manchester M27 4FG | Fon +44 161 728 3133 | Fax +44 161 728 3130 | shop@murrelektronik.co.uk | shop.murrelektronik.co.uk