

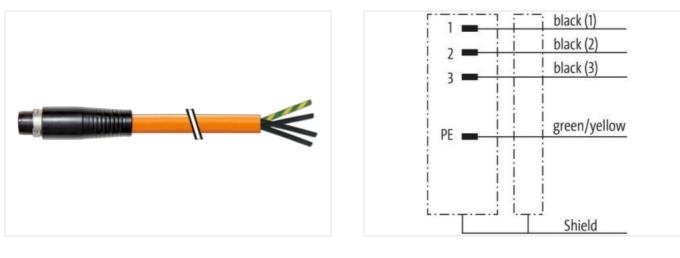
MQ15 male 0° with cable shielded 600V AC type 3

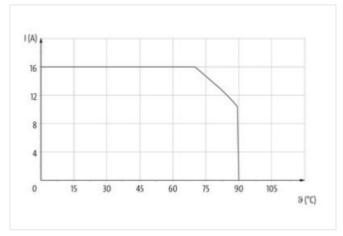
PUR 4x2.5 or UL/CSA+drag ch. 3m

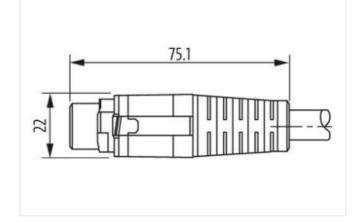
Male straight MQ15, 4-pole shielded without cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

Link to Product





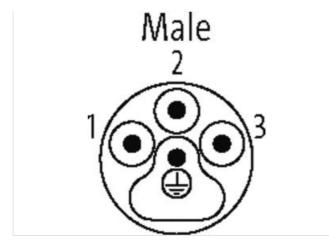




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-23

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



Cable length	3 m
č	5111
Side 1	
Nounting method	inserted, screwed
Coating contact	silver-plated
amily construction form	MQ15
laterial contact	Copper alloy
lo. of poles	4
Side 2	
Stripping length (jacket)	30 mm
Commercial data	
CLASS-6.0	27279221
CLASS-6.1	27279218
CLASS-7.0	27279218
CLASS-8.0	27279218
CLASS-9.0	27060327
CLASS-10.1	27060311
CLASS-11.1	27060311
CLASS-12.0	27060327
TIM-5.0	EC001855
ustoms tariff number	85444290
GTIN	4048879738378
Packaging unit	1
Electrical data Supply	
Operating voltage AC max.	600 V
Current operating per contact max.	16 A
Diagnostics	
Status indication LED	no
Installation Connection	
Stripping length (jacket)	30 mm
Nating 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: 2024-04-23

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 condition protoction degree inserted, screwed Pollution Degree 3 Rade surge voltage 4 kV Material group (IEC 6068-1) I Machanical data [Material data Combustbility (Bash soubsing (UL94) Material contact carrier PA Machanical data [Mounting data Environmental characteristics [Climatic Environmental characteristics [Climatic Environmental characteristics [Climatic Operating temperature max. 80 °C Cable dentification P13 Jacket Color orange Cable dentification P13 Jacket Color orange Cable statefils (coverage) 85 % Material acoult (coverage) 85 % Cable statefils (coverage) 85 %	Configuration	fully used	
Additional condition protoction degree inserted, screwed Pollution Degree 3 Rade surge voltage 4 kV Material group (EC 6068-1) 1 Machanizal data [Material data Combustbility (Bash soubing) (LI)4) HB Material contact carrier PA Machanizal fortigites bayonet-locking Environmental characteristics [Climatic Compensity (Bash Soubing) (LI)4) Operating temperature min. 25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Instatistion [Cable Collab destificance Cable destificance organge Cable destificance poper braiding, bare	Device protection Electrical		
Polution Dagrae 3 Rard surge voltage 4 kV Market al rouge (PG 6066-1) 1 Mechanical data (Material data	Degree of protection (EN IEC 60529)	IP67	
Pated auge voltage 4 kV Material group (EC 6068-1) 1 Machanical data [Macrial data] Image: Combustbility class housing (UL94) HB Material nousing Plastic Plastic Material nousing Plastic Plastic Material nousing Plastic Plastic Material nousing Plastic Plastic Devicing techniques bayont-locking Plastic Devicing techniques bayont-locking Plastic Operating temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature range depending on cable quality Imaterial condition temperature range Additional condition temperature range Material condition (type) copper braiding, bare Cable shelding (type) Copper braiding, bare Cable shelding (type) copper braiding, bare Simon Cable shelding (coverage) 65 %	Additional condition protection degree	inserted, screwed	
Material group (EC 60664-1) I Mechanical data [Naterial data Combustibility class housing (UL94) HB Material nousing (UL94) Plastic Combustibility class housing (UL94) Plastic Material contact carrier PA Mechanical data [Nounting data Locking techniques bayonet-locking Environmental characteristics Climati Operating temperature mn. 25°C Operating temperature mn. 25°C Operating temperature mn. 25°C Operating temperature mn. 25°C Operating temperature max. 80°C Additional condition temperature range depending on cable quality Installation Coshe Cable dentification P13 Jacket Color orange Cable shielding (coverage) 85 % is a rangemont black 1. black 2. black 3. green yellow No. of bending cycles (C-track) 5 Mio. Cable weight 148.8 g/m Material jacket PUR Outer diameter (alkeat) 15 % Meterial weight 15 % Onder diameter (alkeat) 15 % Meterial weight 15 % Onder diameter (alkeat) 15 % Meterial weight 15 % Operating temperature min. 150 V Operating temperature min. 150 V Operating temperature min. 150 V Operating cycles (C-track) 5 Mio. Cable weight 148.8 g/m Material alkeation (Coverage) 4 Conductor crossection (wire) 2.5 mm ² Material weight 148.5 g/m Material weight 148	Pollution Degree	3	
Mechanical data Material data Combushiliy class housing (UL94) HB Material contrier PA Metrial contrier PA Mechanical data Mounting data bayonet-locking Environmental characteristics Climatic Operating temperature min. Operating temperature min. -25 °C Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation (Code) Cable Cable identification P13 Cable identification P14 Cable identification P13 Cable identification P13 Cable identification P14 Cable identification P14 Cable identification P14 Cable identification P14 Cable identification	Rated surge voltage	4 kV	
Combustibility class housing (UL94) HB Material contact carrier Plastic Methanical data [Mounting data Exercised data [Mounting data Looking techniques bayonet-looking Environmental characteristics [Climatu Compariting temperature min. Operating temperature max. 80 °C Additional condition temperature may. depending on cable quality Installation [Cable Cable identification Cable identification P13 Cable identification orange Cable baileding (roverage) 85 % wire arrangement black 1, black 2, black 3, green vellow No. of bending cycles (C-tack) 5 Mio. Cable baileding (noverage) 85 % Wire i arrangement black 1, black 2, black 3, green vellow No. of bending cycles (C-tack) 5 Mio. Cable baileding (noverage) 85 % Wire i arcangement black 1, black 2, black 3, green vellow No. of bending cycles (C-tack) 5 Mio. Cable baileding (noverage) 85 % Material acket PUR Outer diameter (backt) 10,6 m	Material group (IEC 60664-1)	I	
Material cortact carrier Plastic Material cortact carrier PA Mechanical data Mounting data Exponet-locking Environmental characteristics Climatic Bayonet-locking Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification Cable identification P13 Jacket Color orange Cable shiekling (type) copper traiding, bare Cable shiekling (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C-track) 5 Mio. Cable weight 149,6 g/m Material jacket PUR Outer-diameter (jacket) 10.6 mm Tolerance outler diameter (sheath) ± 5 % Material active insulation TPE Anount wries 4 Conductor crossection (wire) 2,5 mm ² Material wrie insulation TPE Nominal voltage power AC max. 1000 V	Mechanical data Material data		
Material contact carrier PA Mechanical data Mounting data bayonel-locking Environmental characteristics Climatic C Operating temperature max. 80 °C Additional condition temperature may. 80 °C Cable identification P13 Jacket Color orange Cable shielding (overage) 85 % wire arangement black 1, black 2, black 3, green-yellow No. of bending coycles (C-track) 5 Mio. Cable weight 149.6 g/m Material al paket PUR Outer-diameter (jacket) 1.5 % Material conductor wire Stranded copper wire, bare Conductor crossection (wire) 2.5 mrs ³ Mounti wires 4 Conductor crossection (wire) 2.5 mrs ³ Material conductor wire wire) 4 kV Mounti wires 4 kV Mounti worksauperature (inked) 50 °C	Combustibility class housing (UL94)	НВ	
Mechanical data Mounting data Looking techniques bayonet-locking Environmentia characteristics Climatic -25 °C Operating temperature man. -25 °C Operating temperature man. 40 °C Additional condition temperature man. depending on cable quality Installation Cable	Material housing	Plastic	
Loking 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 Instaliction (Cable	Material contact carrier	PA	
Loking 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 Instaliction (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 Cable identification P13 Jacket Color orange Cable shielding (type) oopper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C-track) 5 Mo. Cable shielding (coverage) 5% Waterial jacket PUR Outer-diameter (jacket) 1.06 mm Tolerance outer diameter (jacket) 2.5 % Material iconductor wire Stranded copper wire, bare Conductor crosssection (wire) 2.5 mm² Material conductor wire Stranded copper wire, bare Norimal voltage power (wire vire) 4 kV Operating temperature (staic) -50 °C Mat. operating temperature (staic) -50 °C Max. operating temperature (staic) -50 °C Max. operating temperature max. (dynamic) 35 °C Operating temp	Looking techniques	bayonet-locking	
Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification P13 Jacket Color orange Cable shielding (type) oopper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C-track) 5 Mo. Cable shielding (coverage) 5% Waterial jacket PUR Outer-diameter (jacket) 1.06 mm Tolerance outer diameter (jacket) 2.5 % Material iconductor wire Stranded copper wire, bare Conductor crosssection (wire) 2.5 mm² Material conductor wire Stranded copper wire, bare Norimal voltage power (wire vire) 4 kV Operating temperature (staic) -50 °C Mat. operating temperature (staic) -50 °C Max. operating temperature (staic) -50 °C Max. operating temperature max. (dynamic) 35 °C Operating temp			
Operating temperature max. 80 °C Addiional condition temperature range depending on cable quality Installation Cable Cable identification Qaket Colon orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C-track) 5 Mio. Cable weigth 149,6 g/m Material jacket PUR Outer-diameter (jacket) 10,6 mm Tolerance outer diameter (sheath) ± 5 % Material conductor wire Stranded copper wire, bare Conductor crossection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power 4 kV ACW withstand voltage power (wire - wire) 4 kV Active jaterial temperature (satic) -50 °C Max. operating temperature (satic) -50 °C Max. operating temperature (satic) -50 °C Max. operating temperature (satic) -50 °C	· · ·	25 °C	
Additional condition temperature range depending on cable quality Installation Cable Cable identification P13 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C+rack) 5 MG. Cable weight 149,6 g/m Material jacket PUR Outer-diameter (jacket) 10,6 mm Tolerance outer diameter (sheath) 5 % Material conductor wires 4 Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV AC withstand voltage power (wire) 35 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 60 °C Operating temperature (fixed) 60 °C Operating temperature min. (dynamic) 73 °C Operating temperature fixed 60 °C Oparetang temperature min. (dynamic) <t< td=""><td>· · · ·</td><td></td></t<>	· · · ·		
Installation Cabie Cable identification P13 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C-track) 5 Mio. Cable weight 149.6 g/m Material jacket PUR Outer-diameter (jacket) 10.6 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUR Conductor cosssection (wire) 2,5 mm² Amount wires 4 Conductor crosssection (wire) 2,5 mm² Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV Min. operating temperature (fixed) 80 °C Operating temperature (fixed)			
Cable identification P13 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C-track) 5 Mio. Cable weigth 149,6 g/m Material jacket PUR Outer-diameter (jackel) 10,6 mm Tolerance outer diameter (sheath) ± 5 % Material outer ot diameter (sheath) ± 5 % Material outer ot diameter (sheath) ± 5 % Material conductor wires \$tranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV Ac withstand voltage power (wire - wire) 4 kV Max. operating temperature (static) -50 °C Ac wortstand voltage power (wire - wire) 4 kV Operating temperature (static) 75 °C Ope		depending on cable quality	
Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C-track) 5 Mo. Cable weigh 149,6 g/m Material jacket PUR Outer-diameter (jacket) 10,6 mm Tolerance outer diameter (sheath) ± 5 % Material vire insulation TPE Amount wires 4 Conductor cossection (wire) 2,5 mm² Material voltage power AC max. 1000 V Power frequency withstand voltage power 4 kV AC withstand voltage power (wire - wire) 4 kV Mat. operating temperature (fixed) 50 °C Max. operating temperature (fixed) 50 °C Operating temperature (fixed) 30 °C Operating temperature (fixed) 30 °C Operating temperature (fixed) 30 °C Operating temperature (fixed) 50 °C Querating temperature (fixed) 70 °C Flame resistance UL 1581 § 1000 UL 1581 § 1100 FT2 IEC 6033	·		
Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow No. of bending cycles (C-track) 5 Mio. Cable weight 149,6 g/m Material jacket PUR Outer-diameter (jacket) 10,6 mm Tolerance outer diameter (sheath) ± 5 % Material jacket PUE Amount wires 4 Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - wire) 4 kV Mir operature granture (fixed) 50 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -35 °C Operating temperature min. (dynamic) 70 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing			
Cable shielding (coverage)85 %wire arrangementblack 1, black 2, black 3, green-yellowNo. of bending cycles (C-track)5 Mio.Cable weigth149,6 g/mMaterial jacketPUROuter-diameter (jacket)10,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor orsessection (wire)2,5 mm²Material voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)4 kVAkvantaria temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature (fixed)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOli resistanceGood, application-related testing </td <td></td> <td>-</td>		-	
wire arrangementblack 1, black 2, black 3, green-yellowNo. of bending cycles (C-track)5 Mio.Cable weigth149,6 g/mMaterial jacketPUROuter-diameter (jacket)10,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor rosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareNominal voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)4 kVAn operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingOll resistanceG			
No. of bending cycles (C-track) 5 Mio. Cable weigth 149,6 g/m Material jacket PUR Outer-diameter (jacket) 10,6 mm Tolerance outer diameter (sheath) ± 5 % Material wire insulation TPE Amount wires 4 Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - jacket) 4 kV AC withstand voltage power (wire - wire) 4 kV AC withstand voltage power (wire - wire) 4 kV Max. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -35 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1000 UL 1581 § 1100 FT2 EC 60332-2-2 chemical resistance Good, application-related testing Oil resistance			
Cable weigth149,6 g/mMaterial jacketPUROuter-diameter (jacket)10,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareNominal voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)4 kVAC withstand voltage power (wire - wire)4 kVAct withstand voltage power (wire - wire)4 kVMat. operating temperature (fixed)80 °COperating temperature (mixed)35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingOil resistanceGood, ap			
Material jacketPUROuter-diameter (jacket)10,6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareNominal voltage power AC max.1000 VPower frequency withstand voltage power4 kVAC withstand voltage power (wire - wire)4 kVAC withstand voltage power (wire - wire)4 kVMaterial temperature (static)-50 °CMax. operating temperature (static)-50 °COperating temperature (ised)80 °COperating temperature min. (dynamic)-35 °COperating temperature min. (dynamic)-35 °CCondemsioneGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing <td></td> <td></td>			
Outer-diameter (jacket)10.6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareNominal voltage power AC max.1000 VPower frequency withstand voltage power4 kVAC withstand voltage power (wire - wire)4 kVAc withstand voltage power (wire - wire)4 kVMat. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1000 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)4 x Outer diam			
Tolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareNominal voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)4 kVAC withstand voltage power (wire - wire)4 kVMax. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature max. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceG			
Material wire insulationTPEAmount wires4Conductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareNominal voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)4 kVAC withstand voltage power (wire - wire)4 kVMat. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature max. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistance<			
Amount wires 4 Conductor crosssection (wire) 2,5 mm² Material conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power (wire - jacket) 4 kV AC withstand voltage power (wire - wire) 4 kV Max. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -35 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oli resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing <t< td=""><td>· · ·</td><td></td></t<>	· · ·		
Conductor crosssection (wire)2,5 mm²Material conductor wireStranded copper wire, bareNominal voltage power AC max.1000 VPower frequency withstand voltage power4 kVAC withstand voltage power (wire - wire)4 kVAC withstand voltage power (wire - wire)4 kVMax. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature (mixer)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter			
Material conductor wireStranded copper wire, bareNominal voltage power AC max.1000 VPower frequency withstand voltage power4 kVAC withstand voltage power (wire - wire)4 kVAC withstand voltage power (wire - wire)4 kVMin. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter			
Nominal voltage power AC max.1000 VPower frequency withstand voltage power (wire - jacket)4 kVAC withstand voltage power (wire - wire)4 kVMin. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter			
Power frequency withstand voltage power (wire - jacket) 4 kV AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -35 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter			
4 kVAC withstand voltage power (wire - wire)4 kVMin. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter		1000 V	
Min. operating temperature (static)-50 °CMax. operating temperature (fixed)80 °COperating temperature min. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDin gradius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter		4 kV	
Max. operating temperature (fixed) 80 °C Operating temperature min. (dynamic) -35 °C Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	AC withstand voltage power (wire - wire)	4 kV	
Operating temperature min. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingBending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter	Min. operating temperature (static)	-50 °C	
Operating temperature max. (dynamic) 70 °C Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	Max. operating temperature (fixed)	80 °C	
Flame resistance UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	Operating temperature min. (dynamic)	-35 °C	
chemical resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	Operating temperature max. (dynamic)	70 °C	
Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	Flame resistance	UL 1581 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2	
Oil resistance Good, application-related testing DIN EN 60811-404 Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	chemical resistance	Good, application-related testing	
Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	Gasoline resistance	Good, application-related testing	
Bending radius (dynamic) 7,5 x Outer diameter	Oil resistance	Good, application-related testing DIN EN 60811-404	
	Bending radius (fixed)	4 x Outer diameter	
Torsion stress ± 15 °/m	Bending radius (dynamic)	7,5 x Outer diameter	
	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: 2024-04-23

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