

MQ15 female 270° with cable shielded 600V AC type 3

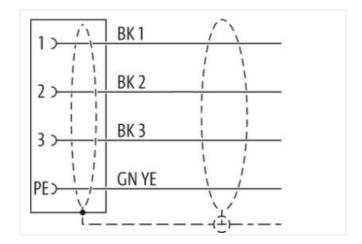
PUR 4x2.5 or UL/CSA+drag ch. 40m

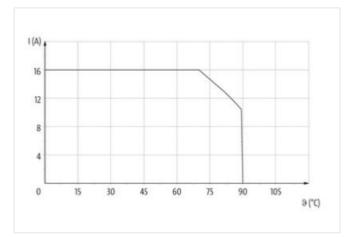
MQ15, 4-pole Female angled, contact carrier 270° turned shielded without cable sleeves Plastic housings with good resistance against chemicals and oils. The resistance to aggressive media should be individually tested for your application. Further details on request. Further cable lengths on request.

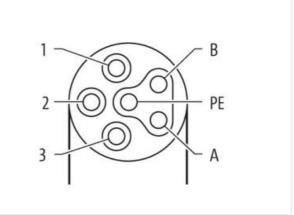
Link to Product

Illustration





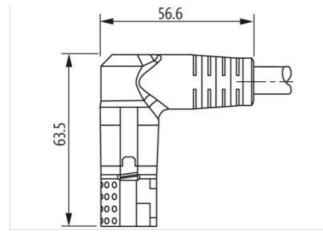




The information in this Product-PDF has been compiled with the utmost care. Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2024-04-20

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	40 m	
Side 1		
Mounting method	inserted, screwed	
Coating contact	silver-plated	
Family construction form	MQ15	
Material contact	Copper alloy	
No. 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	
ECLASS-10.1	27060311	
ECLASS-11.1	27060311	
ECLASS-12.0	27060327	
ETIM-5.0	EC001855	
customs tariff number	85444290	
GTIN	4048879709842	
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	
Mating 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: 2024-04-20

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



Device protection Electrical Degree of protection (EN IEC 60529) IP67 Additorial condition protection degree 3 Badda surge volge 4 VV Material group (IEC 60664-1) I Mechanical data Material data Conduction Material data Conduction Material data Palatic Material contral carrier PA Mechanical data Muoning data Everiance Mechanical data Muoning data Palatic Mechanical data Muoning data Everiance Deparation protection data Palatic Mechanical data Muoning data Everiance Deparating temperature max 80 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Additional Condition P13 Jacker Color orange Cable indentification 945 § m Material group (Edebt) 105 mm Cable shelding (coverage) 85 % Water arrangement Maka / S § m Material protechication 75 % Cable shelding (tope)	Configuration	fully used
Additional condition protoction degree isented, screwed Pollution Degree 3 Rated surge voltage 4 VV Meterial group (EC 60664-1) 1 Meterial group (EC 60664-1) 1 Meterial activation of the stress of the	Device protection Electrical	
Pollution Degree 3 Rated surge voltage 4 kV Material group (EG 6068-1) 1 Material group (EG 6068-1) 1 Material group (EG 6068-1) 1 Material and (EG 6068-1) 1 Material storal (EG 6068-1) 1 Material storal (EG 6068-1) 1 Material control (EG 6068-1) 1 Material control (EG 6068-1) 1 Material storal (EG 6068-1) 1 Material control (EG 6069-1) 1 Material control (EG 6069-1) 1 Material control (EG 6069-1) 1 Material control (F) 2 Material control (F) 2 Material control (F) 1 Material control (F) 1 Material control (F) 1 Material con	Degree of protection (EN IEC 60529)	IP67
Balad aurge voltage 4 kV Material group (EC 60664-1) 1 Mechanical data Material data E Combustibility das housing (UL94) HB Material housing Plastic Material contract carrier PA Mechanical data Mounting data E Looking techniques bayonet-looking Portating temperature mix. 80 °C Additional condition temperature max. 80 °C Additional condition temperature may depending uncells quality Installation (Cober Cable dentification State desting (type) copper braining, bare Cable shielding (toverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow Cable shielding (toverage) 85 % Material jacket PUR Cater and dameter (jacket) 10.6 mm Tolerance cuater dameter (jacket	Additional condition protection degree	inserted, screwed
Material group (IEC 6964-1) I Mechanical data Material data Combustibility class housing (UL94) HB Material noising Plastic Material contact carrier PA Mechanical data Mounting data Looking techniques Day and techniques bayonet-looking Environmental characteristics Gimatic Operating temperature min. -25 °C Operating temperature max. 80 °C	Pollution Degree	3
Matchanical data Material data Combusibility class housing (ULB4) HB Material contact carrier PA Material contact carrier PA Material contact carrier PA Dechanical data Mouning data Environmental characteristics Climatic Environmental characteristics Climatic 28 °C Operating lemperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Cable identification P13 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (type) copper braiding, bare Cable shielding (toverage) 85 % wire arangement black 1, black 2, black 3, green-yellow Cable shielding (toverage) 85 % Outer-diameter (achet) 15 % Material conductor wire PUR Outer-diameter (achet) 15 % Material conductor wire Stranded coper wire, bare Conductor crossection (wire) 2,5 mm² Material conductor wire Stranded cop	Rated surge voltage	4 kV
Combustibility class housing (UL94) HB Material contact carrier PA Metanical class (Mounting data Execution (Contact Carrier) Looking techniques bayonet-locking Environmental characteristics (Climatic Contact Carrier) Operating temperature man. -25 °C Operating temperature man. 80 °C Additional condition temperature man. 80 °C Additional condition temperature man. 80 °C Cable identification P13 Jacket Color orange Cable identification P13 Jacket Color orange Cable identification P13 Jacket Color orange Cable shielding (type) copper braiding, bare Cable shielding (type)	Material group (IEC 60664-1)	I
Material housing Plastic Material contact carrier PA Mechanical data Mounting data Looking techniques Looking techniques bayonet/locking Environmental characteristics Climatic Operating temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature may. Additional condition temperature may. 80 °C Additional condition temperature may. Cable identification P13 Jacket Color orange Cable shielding (type) cooper braiding, bare Cable shielding (coverage) 85 % wire arrangement Back 1, black 2, black 3, green-yellow Cable shielding (coverage) 85 % Outer-diameter (facket) 10,6 mm Toterance outer diameter (sheath) 15 % Material vire insulation TPE Amount wires 4 Conductor crosseston (wire) 2,5 mm ² Simme Good Conductor wire Normal voltage power (wire -wire) 4 kV Material voltage power (wire -wire) 4 kV Material voltage power (wire -wire) 30 °C Conductor wire Simme	Mechanical data Material data	
Material contact carrier PA Mechanical dial Mounting data baynet-locking Looking techniques baynet-locking Environmental characteristics Climatic Comparing temperature max. 80 °C Operating temperature max. 80 °C Additional condition temperature may. 80 °C Additional condition temperature may. 80 °C Comparing temperature may. 80 °C Cable identification P13 Comparing temperature may. 80 °C Cable identification P13 Comparing temperature may. 80 °C Cable identification P13 Comparing temperature may. 80 °C Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arangement black 1, black 2, black 3, green-yellow Cable weight 148, 6 gim Additorial jackit PUR Conductor crossaccion (wire) 2, 5 mm² Amount wires 4 Conductor crossaccion (wire) 2, 5 mm² Additorial conditor wire Stranded copper wire, bare Nominal weight power (wire wire) Nominal voltage power (Are max) 1000 V Co	Combustibility class housing (UL94)	НВ
Mechanical data Mounting data Looking techniques bayonet-looking Environmental characteristics Climatic Concommental characteristics Climatic Operating temperature min. 25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Inscillation Cable Cable direntification P13 Jacket Colon orange Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow Cable shielding (coverage) 85 % Wire arrangement black 1, black 8, green yellow Cable weigh 149.8 gr/m Material jacket PUR Outer-diameter (jacket) 10.6 mm Tolerance outer diameter (jacket) 15 % Material vire insulation TPE Amount wires 4 Conductor crossescion (wire) 2.5 mm ² Material conductor wire S7 °C Normati withstand voltage power (AC max. 1000 V <	Material housing	Plastic
Looking techniques bayonet-locking Environmental characteristics Climatic C Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Cable identification P13 Jacket Color orange Cable shielding (type) copper braiding, bare Material jacket PUR Outer-diameter (jacket) 10,6 mm Tolerance souter diameter (jacket) 5 %	Material contact carrier	PA
Looking techniques bayonet-locking Environmental characteristics Climatic C Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Additional condition temperature max. 80 °C Cable identification P13 Jacket Color orange Cable shielding (type) copper braiding, bare Material jacket PUR Outer-diameter (jacket) 10,6 mm Tolerance souter diameter (jacket) 5 %	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 Cable identification P13 Jacket Color orange Cable ishelding (overage) 85 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 149.6 g/m Material jacket PUR Outer-diameter (jacket) 10.6 mm Tolerance uter (anket) 15 % Material wire insulation TPE Amount wires 4 Conductor rossection (wire) 2,5 mm² Material onductor wire Stranded copper wire, bare Nominal voltage power (wire - wire) 4 kV Comperating temperature (stacti) -50 °C Max. operating temperature (stacti) 35 °C Operating temperature (stacti) -50 °C Max. operating temperature (stactio) -50 °C Max. operating temperature (stactio) -50 °C Max. operating temperature (stactio) 80 °C	·	bayonet-locking
Operating temperature min. -25 °C Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Installation Cable Cable identification P13 Jacket Color orange Cable ishelding (overage) 85 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 149.6 g/m Material jacket PUR Outer-diameter (jacket) 10.6 mm Tolerance uter (anket) 15 % Material wire insulation TPE Amount wires 4 Conductor rossection (wire) 2,5 mm² Material onductor wire Stranded copper wire, bare Nominal voltage power (wire - wire) 4 kV Comperating temperature (stacti) -50 °C Max. operating temperature (stacti) 35 °C Operating temperature (stacti) -50 °C Max. operating temperature (stactio) -50 °C Max. operating temperature (stactio) -50 °C Max. operating temperature (stactio) 80 °C	Environmental characteristics Climatic	
Operating temperature max. 80 °C Additional condition temperature range depending on cable quality Installation Cable Cable identification P13 Jacket Color orange comper braiding, bare Cable shielding (type) copper braiding, bare Cable shielding (type) Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigh 149,6 g/m Material jacket PUR Outer-diameter (jacket) 10,6 mm Tolerance outer diameter (sheath) ± 5 %. Material wire insulation TPE Anount wires 4 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 Ac withstand voltage power (wire - wire) 4 kV Max. operating temperature (inced) 80 °C Operating temperature (inced) 50 °C Max. operating temperature (inced) 80 °C Operating temperature (inced) 30 °C Operating temperature (inced) 35 °C Operating tempe		-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 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 4 kV AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (staci) -50° °C Max. operating temperature (staci) -50° °C Max operating temperature (staci) 70° °C Fiame resistance UL 1581 § 1000 IUL 1581 § 1100 FT2 IEC 60332-2-2 Chemical resistance Good, application-related testing Gasolene res		
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 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 wire Stranded copper wire, bare Nominal voltage power (AC max. 1000 V Power frequency withstand voltage power 4 kV AC withstand voltage power (wire - wire) 4 kV Min. operating temperature (statc) -50 °C Max. operating temperature (statc) -50 °C Max. operating temperature (statc) -35 °C Operating temperature (statc) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Gasoline resistance Good, application-related testing		
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 Cable weigth 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 orsssection (wire) 2,5 mm² Material vire insulation TPE Amount wires 4 Conductor wire Stranded copper wire, bare Nominal voltage power AC max. 1000 V Power frequency withstand voltage power 4 kV Ac withstand voltage power (wire - wire) 4 kV Min. operating temperature (statc) -50 °C Max. operating temperature (statc) -50 °C Max. operating temperature (statc) -35 °C Operating temperature (statc) -50 °C Flame resistance Go od, application-related testing		
Jacket ColororangeCable shielding (type)copper braiding, bareCable shielding (coverage)85 %wire arrangementblack 1, black 2, black 3, green-yellowCable weigth149,6 g/mMaterial jacketPUROuter-diameter (jacket)10,6 mmTolerance outer diameter (sheath)± 5 %Material vire 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 kVMin. operating temperature (static)-50 °CMax. operating temperature (static)-50 °COperating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature (fixed)80 °COperating temperature (fixed)60 °C<	·	P10
Cable shielding (type) copper braiding, bare Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow 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 withstant voltage power (wire - jacket) 4 kV AC withstand voltage power (wire - wire) 4 kV Material greperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature (fixed) 80 °C Operating temperature max. (dynamic) 70 °C Flame resistance Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related testing Oil resistance Good, application-related testing <td></td> <td></td>		
Cable shielding (coverage) 85 % wire arrangement black 1, black 2, black 3, green-yellow Cable weigth 149.6 g/m Material jacket PUR Outer-diameter (lacket) 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 4 kV Min. operating temperature (static) -50 °C Max. operating temperature (static) -50 °C Max. operating temperature (fixed) 80 °C Operating temperature (fixed) 30 °C Operating temperature (fixed) 30 °C Operating temperature (fixed) 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 Gil resistance Good, application-related testing Gil resistance Good, application-related t		-
wire arrangementblack 1, black 2, black 3, green-yellowGable weigth149,6 g/mMaterial jacketPUROuter-diameter (jacket)10.6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crosssection (wire)2,5 mm²Material vire upency withstand voltage power AC max.1000 VPower frequency withstand voltage power (wire - wire)4 kVAc withstand voltage power (wire - wire)4 kVMin. operating temperature (fixed)80 °COperating temperature (fixed)35 °COperating temperature min. (dynamic)70 °CFlame resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingOli resistanceG		
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 kVMax. operating temperature (static)-50 °CMax. operating temperature (static)-50 °COperating temperature (ixed)80 °COperating temperature max. (dynamic)-35 °COperating temperature max. (dynamic)70 °CFlame resistanceUL 1581 § 1009 UL 1581 § 1100 FT2 IEC 60332-2-2chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404No. of bending cycles (C-track)5 Mio.Bending radius (fixed)4 x Outer diameterBending radius (dynamic) <td< td=""><td></td><td></td></td<>		
Material jacketPUROuter-diameter (jacket)10.6 mmTolerance outer diameter (sheath)± 5 %Material wire insulationTPEAmount wires4Conductor crossection (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 kVMin. operating temperature (static)-50 °CMax. operating temperature (static)-50 °COperating temperature (static)-35 °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 testingOil resistanceGood, appli		
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 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 § 1090 UL 1581 § 1100 FT2 IEC 60332-2-2 chemical resistance Good, application-related testing Goil resistance Good, application-related testing Oil resistance Good, application-related testing		
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 max. (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		
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 4 kV AC withstand voltage power (wire - wire) 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 Good, application-related testing Gasoline resistance Good, application-related testing Oil resistance Good, application-related test		-
Amount 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 kVAC withstand voltage power (wire - wire)4 kVMax. 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 resistanceS Mio.Bending radius (fixed) <td></td> <td></td>		
Conductor 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 kVAC withstand voltage power (wire - wire)4 kVMax. 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 resistanceTo bending cycl		
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 (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 testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDin cycles (C-track)5 Mio.Bending 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 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 testingOil resistanceGood, application-related testingOil resistanceS Mio.Bending cycles (C-track)5 Mio.Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter		
Power frequency withstand voltage power (wire - jacket)4 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 testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testingDil resistanceGood, application-related testingOil resistanceGood, application-related testingDil resistanceGood, application-related testingDil resistanceGood, application-related testing DIN EN 60811-404No. of bending cycles (C-track)5 Mio.Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter		
(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 (fixed) 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 testingOil resistanceGood, application-related testingOil resistanceS Mio.Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter		4 kV
Max. 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 testingOil resistanceGood, application-related testingOil resistanceSood, application-related testingOil resistanceGood, application-related testingOil resistanceSood, application-related testingOil resistanceGood, application-related testingOil resistanceGood, application-related testingDing radius (fixed)5 Mio.Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter		
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 Bending cycles (C-track) 5 Mio. Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter		
Operating 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 testingNo. of bending cycles (C-track)5 Mio.Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter	Max. operating temperature (fixed)	80 °C
Flame 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 60811-404No. of bending cycles (C-track)5 Mio.Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter		
chemical resistanceGood, application-related testingGasoline resistanceGood, application-related testingOil resistanceGood, application-related testing DIN EN 60811-404No. of bending cycles (C-track)5 Mio.Bending radius (fixed)4 x Outer diameterBending 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 No. of bending cycles (C-track) 5 Mio. 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 No. of bending cycles (C-track) 5 Mio. Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	chemical resistance	Good, application-related testing
No. of bending cycles (C-track)5 Mio.Bending radius (fixed)4 x Outer diameterBending radius (dynamic)7,5 x Outer diameter	Gasoline resistance	Good, application-related testing
Bending radius (fixed) 4 x Outer diameter Bending radius (dynamic) 7,5 x Outer diameter	Oil resistance	Good, application-related testing DIN EN 60811-404
Bending radius (dynamic) 7,5 x Outer diameter	No. of bending cycles (C-track)	5 Mio.
	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: 2024-04-20

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