

Interface-Relay-Compact (IRC) socket base IRCP with screw connection, Mounting type: Mounting rail TS 35, 1 CO contact, Input voltage: 220 VDC

### **Business data**

a da ser a la companya da s	
Article number	<u>16198.2</u>
Article name	IRCP 220V DC
GTIN (EAN)	4044211187354
Packaging unit	10
Quantity unit	PC
Weight per piece (not including packaging)	27 g
Weight per piece (including packaging)	27 g
Unit of weight	G
Customs number	85369010
Country of origin	IT
Product description	Relay socket base with screw connection



## **Technical data**

Length94.3 mmWidth6.2 mmHeight TS 35 / 7.5 with BA90.7 mmRatings90.7 mmRated voltage Un220 VDC -Overvoltage categoryIIIContamination degree3Connection data0.2 mm²Connection single core (rigid), min.0.2 mm²Wire cross-section single-core (rigid), max.2.5 mm²Wire cross-section single-core (rigid), max.2.5 mm²Stripping length10 mmTorque0.5 NmOutput data90.7 voltage max.Switching voltage / switching voltage max.250 / 400 VACContact configuration1 CO contactMaterials90.7 voltage / switching voltage max.Planmability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical data920Degree of protectionIP20Status display√Free-wheel diode√Can hold a fuse in the P-contact√Environmental Product Compliance923-06-14REACH ConformyesReACH Conformyes	Dimensions	
Height TS 35 / 7.5 with BA     90.7 mm       Ratings     Rated voltage Un     220 VDC -       Overvoltage category     III       Connection data     Connection data       Connection principle     Screw connection       Wire cross-section single core (rigid), min.     0.2 mm²       Wire cross-section single-core (rigid), max.     2.5 mm²       Wire cross-section stranded, min.     0.2 mm²       Wire cross-section stranded, max.     2.5 mm²       Stripping length     10 mm       Torque     0.5 Nm       Output data       Switching voltage / switching voltage max.     250 / 400 VAC       Connect configuration     1 CO contact       Materials     Elammability class UL 94       V-2     Vorking temperature, min.       -40 °C     Vorking temperature, min.       Working temperature, min.     -40 °C       Vorking temperature, min.     -40 °C <t< td=""><td>Length</td><td>94.3 mm</td></t<>	Length	94.3 mm
Rated voltage UnRated voltage Un220 VDC -Overvoltage categoryIIIContamination degree3Connection dataConnection principleScrew connectionWire cross-section single-core (rigid), min.0.2 mm²Wire cross-section single-core (rigid), max.2.5 mm²Wire cross-section stranded, min.0.2 mm²Wire cross-section stranded, max.2.5 mm²Stripping length10 mmTorque0.5 NmOutput dataSwitching voltage / switching voltage max.250 / 400 VACContact configuration1 CO contactMaterialsFlammability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display $\checkmark$ Free-wheel diode $\checkmark$ Can hold a fuse in the P-contact $\checkmark$ ERACH ConformyesREACH ConformyesREACH ConformyesREACH Candidate Substance NoteNo	Width	6.2 mm
Rated voltage Un     220 VDC -       Overvoltage category     III       Connaction data	Height TS 35 / 7.5 with BA	90.7 mm
Overvoltage category       III         Contamination degree       3         Connection data	Ratings	
Contamination degree       3         Connection data         Connection principle       Screw connection         Wire cross-section single core (rigid), min.       0.2 mm²         Wire cross-section stranded, min.       0.2 mm²         Wire cross-section stranded, max.       2.5 mm²         Wire cross-section stranded, max.       2.5 mm²         Vire cross-section stranded, max.       2.5 mm²         Stripping length       10 mm         Torque       0.5 Nm         Output data       Switching voltage / switching voltage max.         Switching voltage / switching voltage max.       250 / 400 VAC         Contact configuration       1 CO contact         Materials       Flammability class UL 94       V-2         Working temperature, min.       -40 °C         Working temperature, max.       70 °C         Further technical data       Degree of protection         Degree of protection       IP20         Status display       ✓         Free-wheel diode       ✓         Can hold a fuse in the P-contact       ✓         Environmental Product Compliance       REACH Conform         REACH Conform       yes         REACH Reference date       2023-06-14         REACH Candidate	Rated voltage Un	220 VDC -
Connection dataConnection principleScrew connectionWire cross-section single core (rigid), min. $0.2 \text{ mm}^2$ Wire cross-section stranded, min. $0.2 \text{ mm}^2$ Wire cross-section stranded, max. $2.5 \text{ mm}^2$ Stripping length $10 \text{ mm}$ Torque $0.5 \text{ Nm}$ Output dataSwitching voltage / switching voltage max. $250 / 400 \text{ VAC}$ Contact configuration $1 \text{ CO contact}$ MaterialsFlammability class UL 94V-2Working temperature, min. $-40 \ ^{\circ}\text{C}$ Working temperature, max. $70 \ ^{\circ}\text{C}$ Further technical dataDegree of protectionIP20Status display $\checkmark$ Free-wheel diode $\checkmark$ Can hold a fuse in the P-contact $\checkmark$ EACH ConformyesREACH ConformyesREACH Reference date $2023-06-14$ REACH Candidate Substance NoteNo	Overvoltage category	111
Connection principleScrew connectionWire cross-section single core (rigid), min. $0.2 \text{ mm}^2$ Wire cross-section stranded, min. $0.2 \text{ mm}^2$ Wire cross-section stranded, max. $2.5 \text{ mm}^2$ Stripping length $10 \text{ mm}$ Torque $0.5 \text{ Nm}$ Output dataSwitching voltage / switching voltage max. $250 / 400 \text{ VAC}$ Contact configuration $1 \text{ CO contact}$ MaterialsFlammability class UL 94V-2Working temperature, min. $-40 \ ^{\circ}\text{C}$ Working temperature, max. $70 \ ^{\circ}\text{C}$ Further technical dataDegree of protectionIP20Status display $\checkmark$ Free-wheel diode $\checkmark$ Can hold a fuse in the P-contact $\checkmark$ Environmental Product ComplianceREACH ConformyesREACH Reference date $2023-06-14$ REACH Candidate Substance NoteNo	Contamination degree	3
Wire cross-section single core (rigid), min. $0.2 \text{ mm}^2$ Wire cross-section single-core (rigid), max. $2.5 \text{ mm}^2$ Wire cross-section stranded, min. $0.2 \text{ mm}^2$ Wire cross-section stranded, max. $2.5 \text{ mm}^2$ Stripping length $10 \text{ mm}$ Torque $0.5 \text{ Nm}$ Output dataSwitching voltage / switching voltage max. $250 / 400 \text{ VAC}$ Contact configuration1 CO contactMaterialsFlammability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display $\checkmark$ Can hold a fuse in the P-contact $\checkmark$ Environmental Product ComplianceREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformNo	Connection data	
Wire cross-section single-core (rigid), max. $2.5 \text{ mm}^2$ Wire cross-section stranded, min. $0.2 \text{ mm}^2$ Wire cross-section stranded, max. $2.5 \text{ mm}^2$ Stripping length $10 \text{ mm}$ Torque $0.5 \text{ Nm}$ Output dataSwitching voltage / switching voltage max. $250 / 400 \text{ VAC}$ Contact configuration $1 \text{ CO}$ contactMaterialsFlammability class UL 94V-2Working temperature, min. $-40 \ ^{\circ}\text{C}$ Working temperature, max. $70 \ ^{\circ}\text{C}$ Further technical dataDegree of protectionIP20Status display $$ Can hold a fuse in the P-contact $\sqrt{$ Environmental Product ComplianceREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformyesREACH ConformyesREACH Candidate Substance NoteNo	Connection principle	Screw connection
Wire cross-section stranded, min. $0.2 \text{ mm}^2$ Wire cross-section stranded, max. $2.5 \text{ mm}^2$ Stripping length $10 \text{ mm}$ Torque $0.5 \text{ Nm}$ Output dataSwitching voltage / switching voltage max. $250 / 400 \text{ VAC}$ Contact configuration1 CO contactMaterialsFlarmability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display $\checkmark$ Can hold a fuse in the P-contact $\checkmark$ REACH ConformyesREACH Conformyes	Wire cross-section single core (rigid), min.	0.2 mm <sup>2</sup>
Wire cross-section stranded, max.2.5 mm²Stripping length10 mmTorque0.5 NmOutput dataSwitching voltage / switching voltage max.250 / 400 VACContact configuration1 CO contactMaterialsFlammability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display✓Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Wire cross-section single-core (rigid), max.	2.5 mm <sup>2</sup>
Stripping length10 mmTorque0.5 NmOutput dataSwitching voltage / switching voltage max.250 / 400 VACContact configuration1 CO contactMaterialsFlammability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display✓Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Wire cross-section stranded, min.	0.2 mm <sup>2</sup>
Torque       0.5 Nm         Output data	Wire cross-section stranded, max.	2.5 mm <sup>2</sup>
Output data         Switching voltage / switching voltage max.       250 / 400 VAC         Contact configuration       1 CO contact         Materials       Flammability class UL 94       V-2         Working temperature, min.       -40 °C         Working temperature, max.       70 °C         Further technical data       Degree of protection         Degree of protection       IP20         Status display       ✓         Free-wheel diode       ✓         Can hold a fuse in the P-contact       ✓         Environmental Product Compliance       REACH Conform         REACH Reference date       2023-06-14         REACH Candidate Substance Note       No	Stripping length	10 mm
Switching voltage / switching voltage max.250 / 400 VACContact configuration1 CO contactMaterialsFlammability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display✓Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Torque	0.5 Nm
Contact configuration1 CO contactMaterialsFlammability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display✓Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Output data	
Materials         Flammability class UL 94       V-2         Working temperature, min.       -40 °C         Working temperature, max.       70 °C         Further technical data       IP20         Status display       ✓         Free-wheel diode       ✓         Can hold a fuse in the P-contact       ✓         Environmental Product Compliance       yes         REACH Conform       yes         REACH Reference date       2023-06-14         REACH Candidate Substance Note       No	Switching voltage / switching voltage max.	250 / 400 VAC
Flammability class UL 94V-2Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display✓Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Contact configuration	1 CO contact
Working temperature, min40 °CWorking temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display✓Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Materials	
Working temperature, max.70 °CFurther technical dataDegree of protectionIP20Status display✓Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Flammability class UL 94	V-2
Further technical data         Degree of protection       IP20         Status display       ✓         Free-wheel diode       ✓         Can hold a fuse in the P-contact       ✓         Environmental Product Compliance       ✓         REACH Conform       yes         REACH Reference date       2023-06-14         REACH Candidate Substance Note       No	Working temperature, min.	-40 °C
Degree of protectionIP20Status display✓Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Working temperature, max.	70 °C
Status display       ✓         Free-wheel diode       ✓         Can hold a fuse in the P-contact       ✓         Environmental Product Compliance       ✓         REACH Conform       yes         REACH Reference date       2023-06-14         REACH Candidate Substance Note       No	Further technical data	
Free-wheel diode✓Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Degree of protection	IP20
Can hold a fuse in the P-contact✓Environmental Product ComplianceREACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Status display	$\checkmark$
Environmental Product Compliance         REACH Conform       yes         REACH Reference date       2023-06-14         REACH Candidate Substance Note       No	Free-wheel diode	$\checkmark$
REACH ConformyesREACH Reference date2023-06-14REACH Candidate Substance NoteNo	Can hold a fuse in the P-contact	$\checkmark$
REACH Reference date     2023-06-14       REACH Candidate Substance Note     No	Environmental Product Compliance	
REACH Candidate Substance Note No	REACH Conform	yes
	REACH Reference date	2023-06-14
RoHS Conform yes	REACH Candidate Substance Note	No
	RoHS Conform	yes



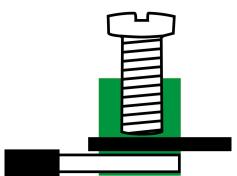
## Approvals

Standards and regulations			
CE compliant	yes		
cUL approval	CSA-C22.2 No. 14		
UL approval	UL 508		
UL Recognized	1		
cUL Recognized	1		



#### Media







#### Accessories

# Cross-connector External cross-connector insulated for Interface-Relay-Compact (IRC), 16-pole, can be shortened, Voltage: 250 V, Current: 6 A Article number Article name GTIN (EAN) Packaging unit 16209.4 AQI/IRC/16 BK 4044211187651 10

#### **Quick marking**

Device and installation markers / Maxicard, Length: 6 mm, Width: 12 mm, Colour: White			
Article number	Article name	GTIN (EAN)	Packaging unit
3884.7	MC GS 6x12 R WH	4044211154547	600 ST
Device and inst	m, Width: 12 mm, Coloi	ur: White	
Article number	Article name	GTIN (EAN)	Packaging unit
3884.7	MC GS 6x12 R WH	4044211154547	600 ST
Device and inst	allation markers / Maxicard, Length: 6 m	m, Width: 12 mm, Coloi	ur: White
Article number	Article name	GTIN (EAN)	Packaging unit
3885.7	MC GS 6x12 R So WH	4044211154554	600 ST

#### Screwdriver

	Screwdriver with bare blade, Colour: Black-grey			
- Contracter T	Article number	Article name	GTIN (EAN)	Packaging unit
	1086.0	SDB 0,6x3,5	4044211014797	1 ST

#### Relays

15568.2



10 ST

4044211118419

	Plug-in miniature power relay, With power contact, 1 CO contact, Input voltage: 60 VDC			
34.517024.0010 C	Article number	Article name	GTIN (EAN)	Packaging unit
	15503.2	PRC 1/60V DC	4044211118167	10 ST
34.51.70. 550	Plug-in miniatı 60 VDC	ure power relay, With multi-layer gold	contact, 1 CO contact	t, Input voltage:
34.517.024.0010 (初日) (1010) (日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日日	Article number	Article name	GTIN (EAN)	Packaging unit

PRC 1/60V DC Au

#### Adapter



Plug adapter for Interface-Relay-Compact (IRC), ribbon plug-in connector, 14-poles, according to IEC 60603-13, for 8 relay channels, Positive switching, Rated voltage: 24 VDC

Article number	Article name	GTIN (EAN)	Packaging unit
16229.2	FCA/IRC	4044211187682	10 ST

#### **Partition plate**



Partition plate for Interface-Relay-Compact (IRC) for separating relay blocks, variable width: 1.5 or 6.2 mm

Article number	Article name	GTIN (EAN)	Packaging unit
16228.2	TW/IRC	4044211187675	10 ST