



Technical Data

SDT Digital Time Switch

IP20



- General Purpose Digital Time Switches
- Daily, Weekly, Random & Holiday Programs*
- Repeat Program (Multiple Daily Settings)
- DIN Rail Mounting (TS 35)
- Backlit LCD Display*
- Battery Backup (up to 5 years)
- Manual Override Button
- LED Indicator
- 20Amps* Max. Switching Current (Resistive)

* Model dependant

ORDERING INFORMATION

Part Number	Relay	Features
SDT-20-1C	1 x 16A	24Hr / 7 Day
SDTC-20-1C	1 x 20A	24Hr / 7 Day, Data Copy Card
SDT-58-2C	2 x 16A	24Hr / 7 Day
SDTA-58-2C	2 x 16A	24Hr / 7 Day, Advanced Functions
STDK1	-	Copy Key for SDTC-20-1C

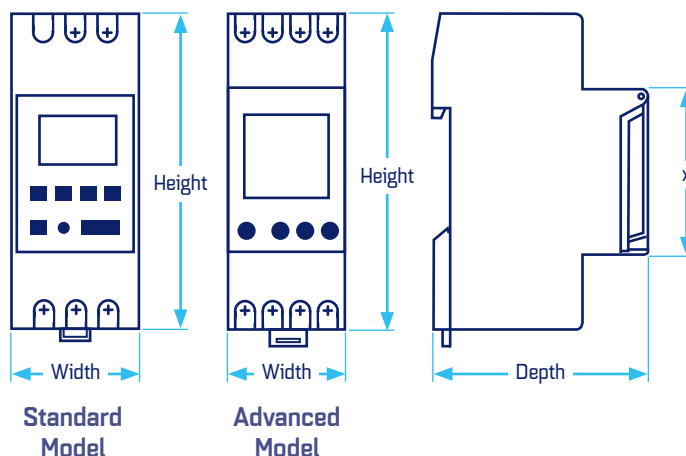
DIMENSIONS (mm)

Part Number	Height	Width	Depth	x
SDT-20-1C	86.5	36.0	65.5	45.5
SDTC-20-1C	86.5	36.0	65.5	45.5
SDT-58-2C	86.5	36.0	65.5	45.5
SDTA-58-2C	86.5	36.0	65.5	45.5

GENERAL INFORMATION

Enclosure Material	Self-Extinguishing Polycarbonate
Protection Class	Class II According to EN 60730-1
Ingress Protection	IP20
Approvals	UKCA, CE, RoHS
Mounting Type	DIN Rail (TS 35)

Time Switch wiring diagrams are available upon request.
Please email sales@stag-electrical.com



TECHNICAL SPECIFICATION

Part Number	SDT-20-1C	SDTC-20-1C	SDT-58-2C	SDTA-58-2C
LCD Screen	Standard	Standard	Advanced	Advanced
Number of ON/OFF Programmes	20	20	58	58
Switching Capacity (Resistive Load)	16A/250V at Cos ϕ · 1	20A/250V at Cos ϕ · 1	16A/250V at Cos ϕ · 1	16A/250V at Cos ϕ · 1
Switching Capacity (Inductive Load)	3A/250V at Cos ϕ · 0.6	3A/250V at Cos ϕ · 0.6	3A/250V at Cos ϕ · 0.6	3A/250V at Cos ϕ · 0.6
Incandescent/Halogen Lamp Load 230V	2600W	2600W	2600W	2600W
Energy Saving Lamp	170W	170W	170W	170W
LED Lamp <2W	30W	30W	30W	30W
LED Lamp 2-8W	100W	100W	100W	100W
LED Lamp >8W	120W	120W	120W	120W
Flourescent Lamp (Electronic Ballast)	650W	650W	650W	650W
Time Accuracy at 25°C	Typical \pm 2s/day (quartz)		Typical \pm 1s/day (quartz)	
Power Consumption	2VA	4VA	10VA (max.)	10VA (max.)
Supply Voltage	85 to 265V, 50/60Hz		220V AC, 50/60Hz	
Output Relay	250VAC 16A Resistive	250VAC 20A Resistive	250VAC 16A Resistive	250VAC 16A Resistive
Relay Type	SPCO	SPCO	2 x SPCO	2 x SPCO
Minimum Switching Time	1 sec.	1 sec.	1 min.	1 min.
Ambient Operating Temperature	-10°C to + 50°C	-10°C to + 50°C	-10°C to + 50°C	-10°C to + 50°C
Battery Life	Approx. 5 Years	Approx. 5 Years	Approx. 5 Years	Approx. 5 Years
Backlit LCD Display	No	No	Yes	Yes

For more information, email sales@stag-electrical.com